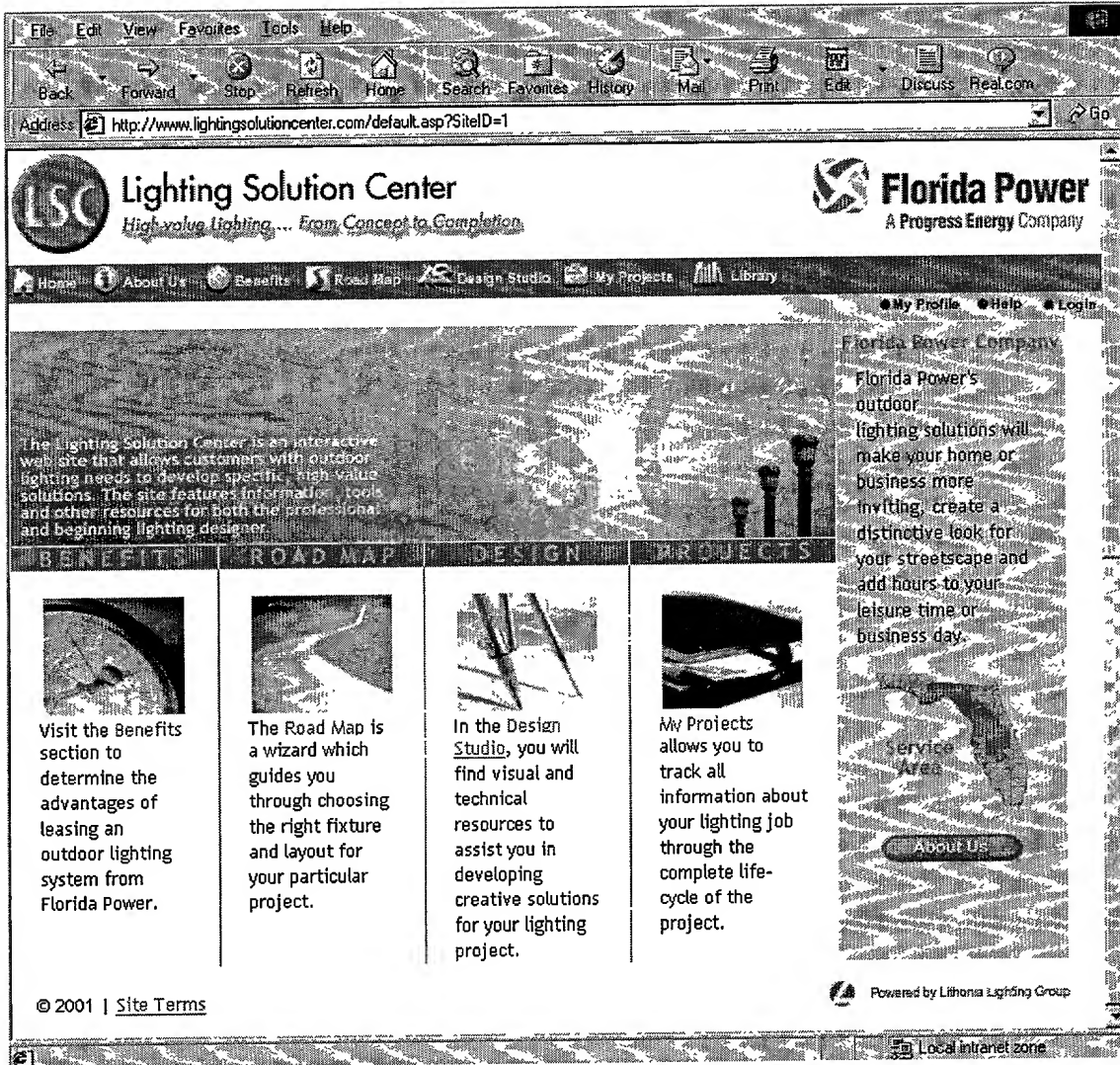


FIGURE 1



100050509-120501

FIGURE 2

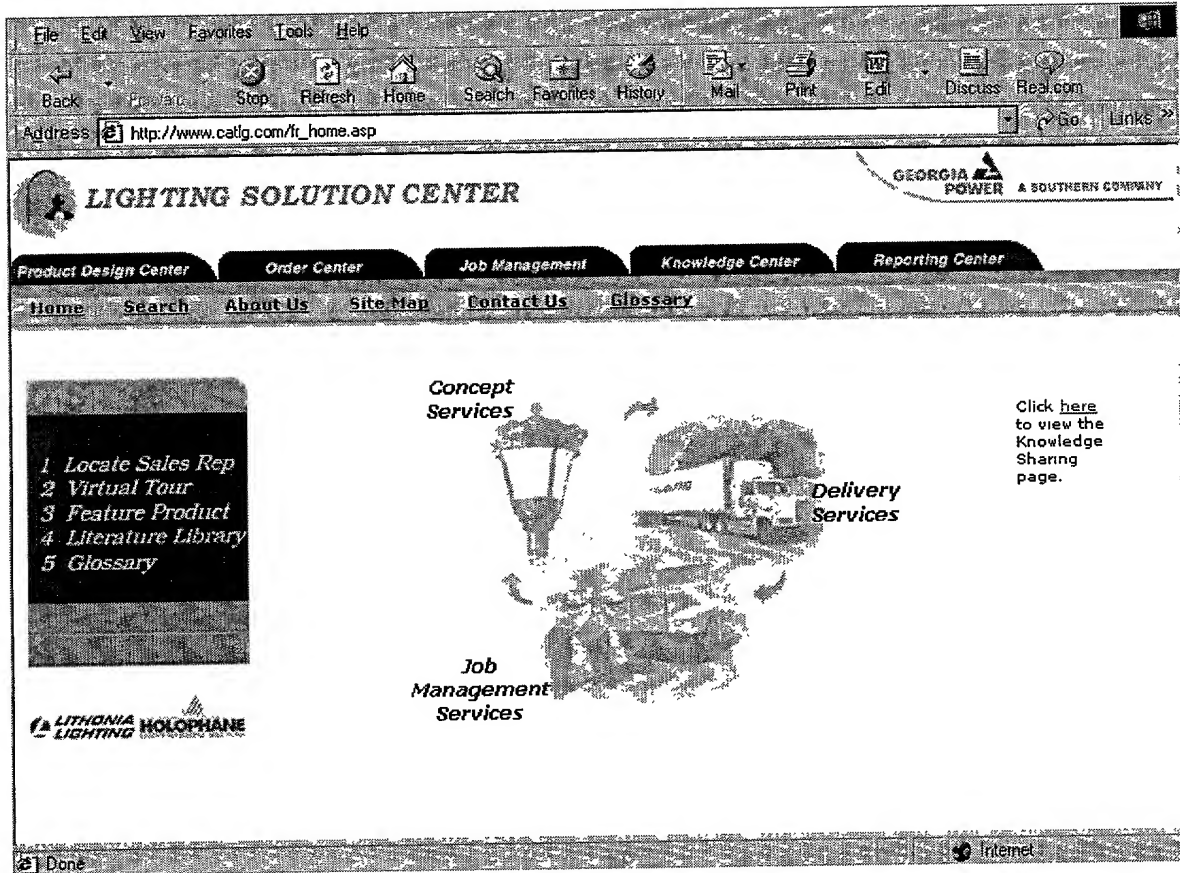
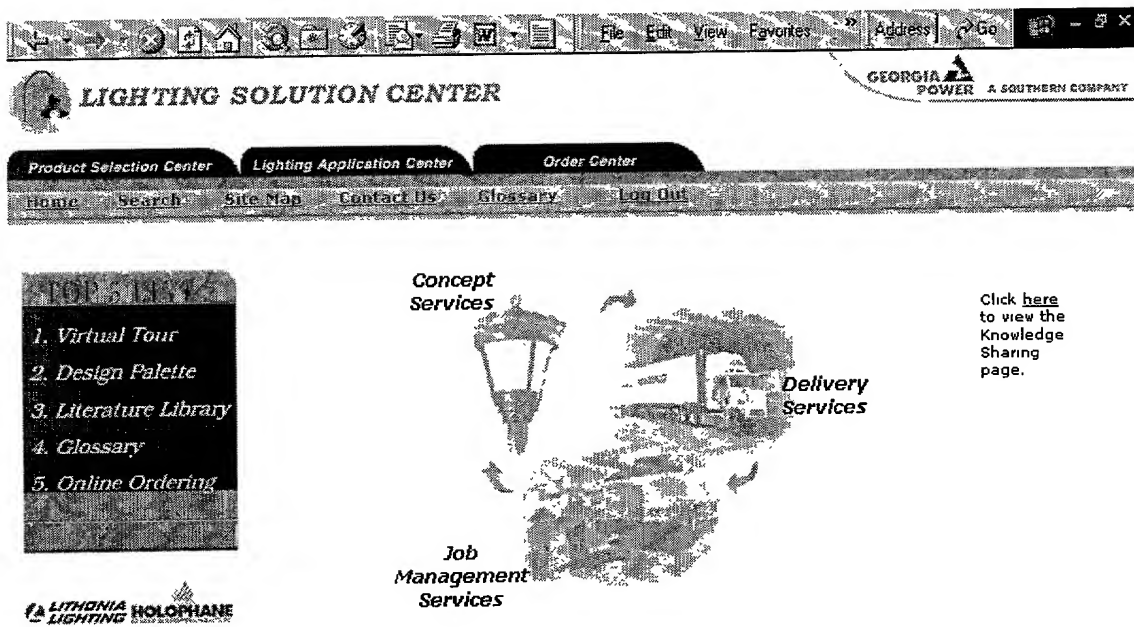


FIGURE 3



1005099-120501

FIGURE 4

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address <http://www.lightingsolutioncenter.com/Login.asp?SiteID=1> Go

Please log in

E-Mail:

Password:

Click [here](#) if you forgot your password.

Click [here](#) to register if you are a new user.

Done Local intranet zone

FIGURE 5

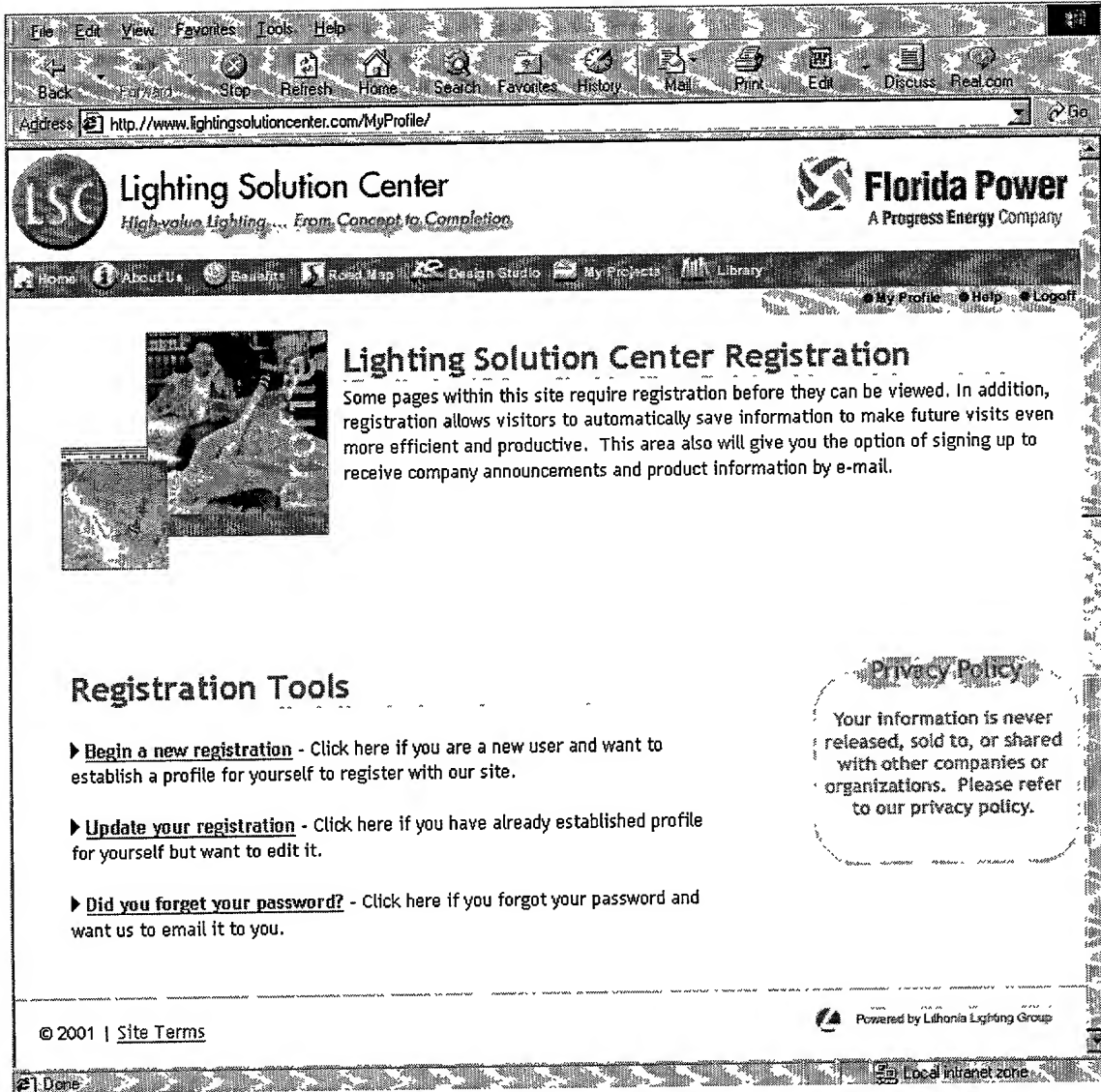
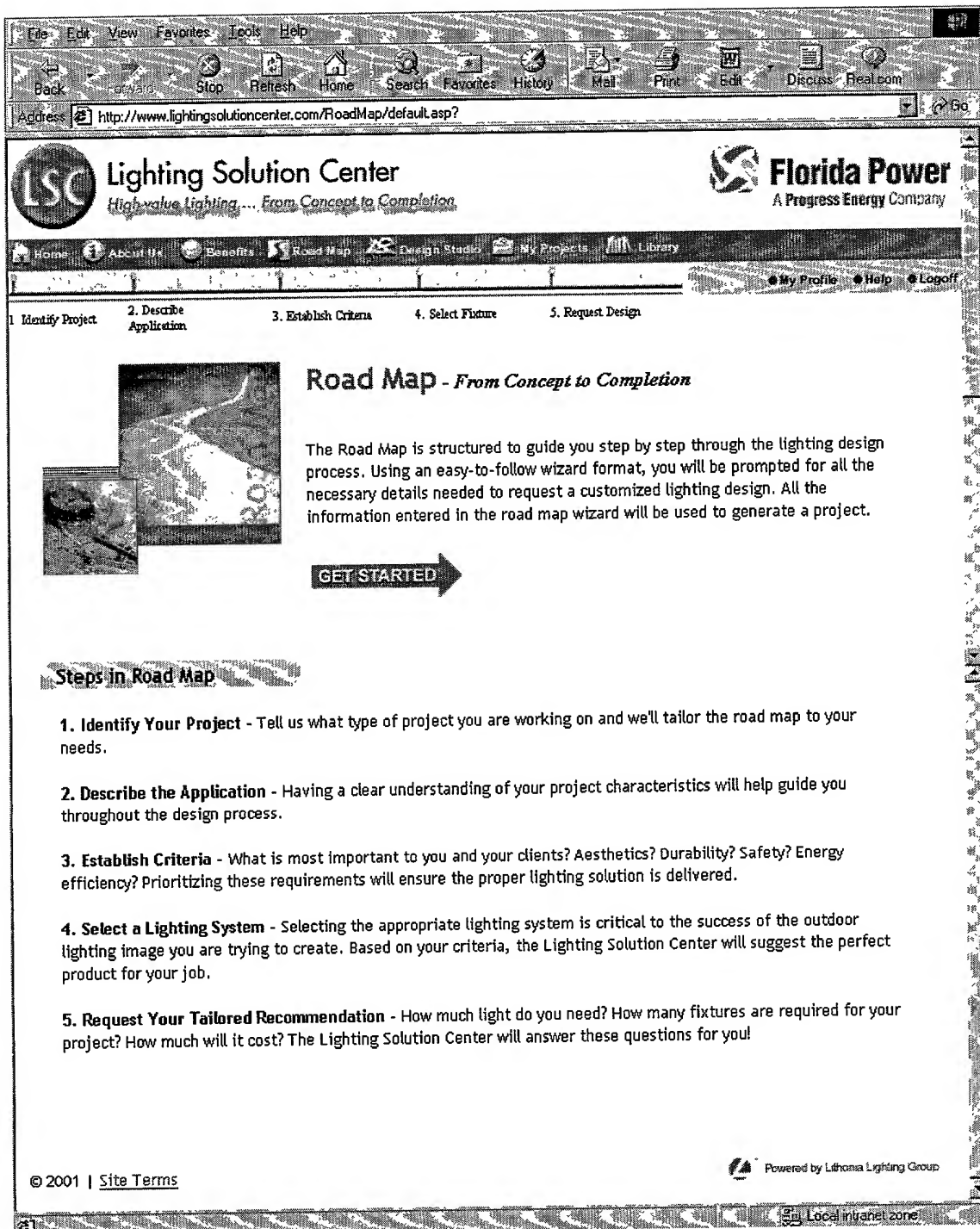


FIGURE 6



The screenshot shows a web browser window displaying the Lighting Solution Center website. The browser's address bar shows the URL: <http://www.lightingsolutioncenter.com/RoadMap/default.asp?>. The website header includes the LSC logo with the tagline "High-value Lighting... From Concept to Completion" and the Florida Power logo with the tagline "A Progress Energy Company". A navigation menu contains links for Home, About Us, Benefits, Road Map, Design Studio, My Projects, and Library. Below the navigation menu, a progress bar indicates the current step in the process: 1. Identify Project, 2. Describe Application, 3. Establish Criteria, 4. Select Fixture, and 5. Request Design. The main content area is titled "Road Map - From Concept to Completion" and features a large image of a road at night. To the right of the image, a paragraph explains that the Road Map is a step-by-step wizard for creating a customized lighting design. Below this text is a large "GET STARTED" button with a right-pointing arrow. Underneath the button, a section titled "Steps in Road Map" lists five steps with detailed descriptions. At the bottom of the page, there is a copyright notice for 2001 and a link to Site Terms, along with a note that the site is powered by Lithonia Lighting Group.

Lighting Solution Center
High-value Lighting... From Concept to Completion

Florida Power
A Progress Energy Company

Home About Us Benefits Road Map Design Studio My Projects Library

1. Identify Project 2. Describe Application 3. Establish Criteria 4. Select Fixture 5. Request Design

Road Map - From Concept to Completion

The Road Map is structured to guide you step by step through the lighting design process. Using an easy-to-follow wizard format, you will be prompted for all the necessary details needed to request a customized lighting design. All the information entered in the road map wizard will be used to generate a project.

GET STARTED

Steps in Road Map

- 1. Identify Your Project** - Tell us what type of project you are working on and we'll tailor the road map to your needs.
- 2. Describe the Application** - Having a clear understanding of your project characteristics will help guide you throughout the design process.
- 3. Establish Criteria** - What is most important to you and your clients? Aesthetics? Durability? Safety? Energy efficiency? Prioritizing these requirements will ensure the proper lighting solution is delivered.
- 4. Select a Lighting System** - Selecting the appropriate lighting system is critical to the success of the outdoor lighting image you are trying to create. Based on your criteria, the Lighting Solution Center will suggest the perfect product for your job.
- 5. Request Your Tailored Recommendation** - How much light do you need? How many fixtures are required for your project? How much will it cost? The Lighting Solution Center will answer these questions for you!

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FIGURE 7

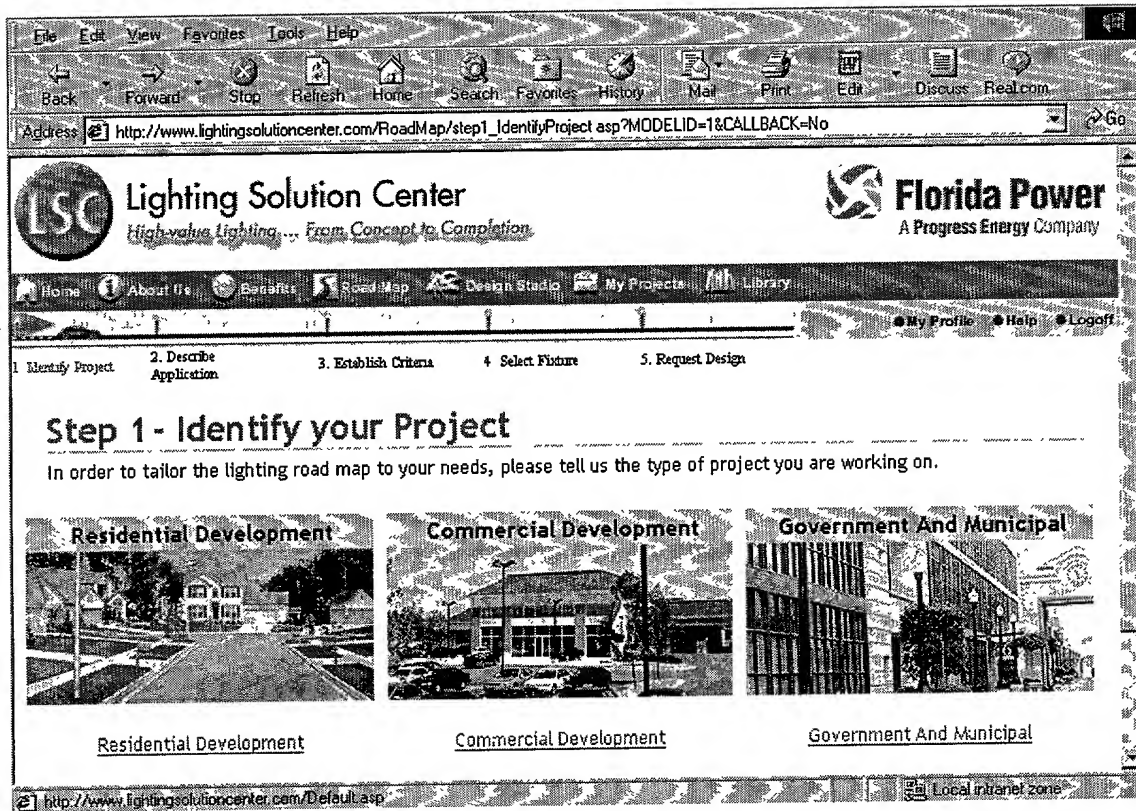


FIGURE 8

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Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address http://www.lightingsolutioncenter.com/RoadMap/step2_DescribeApp.asp?CategoryName=Application%20Type&Rule=1 Go

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1. Identify Project 2. Describe Application 3. Establish Criteria 4. Select Fixture 5. Request Design

Step 2 - Describe Application

The first task in the design process is to clearly describe the application. The style of neighborhood and the range of home values are among the factors to consider when selecting the lighting package. To help us better understand your development, simply answer the following questions.

What is the area you are illuminating?

If your project has multiple areas, you will be able to add another application from My Projects.

☒ Roadway
☐ Parking Lot
☐ Pathway
☐ Other

Neighborhood Information:

How many homes are in the subdivision? 0 - 25
 What is the approximate range of home values? <100,000
 What is the approximate range of home sizes? <1,000 sq. ft.
 What is the approximate lot size? <1/4 acre

Style of Neighborhood:

☒ Colonial
☐ Recreation/Vacation
☐ Specialty
☐ Country
☐ Farmhouse
☐ Multi-unit
☐ Modern
☐ Ranch
☐ Spanish/Mediterranean
☐ Victorian
☐ European
☐ French
☐ Historic
☐ Mobile

Amenities:

☐ Golf Course
☐ Swimming Pool
☐ Park
☐ Tennis Courts
☐ Clubhouse
☐ Sidewalks

Back Next

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FIGURE 9

The screenshot shows a web browser window with the address bar displaying http://www.lightingsolutioncenter.com/RoadMap/step2_DescribeApp.asp?CategoryName=Application%20Type&Rule=2. The page header includes the "Lighting Solution Center" logo with the tagline "High-value Lighting ... From Concept to Completion" and the "Florida Power" logo with the tagline "A Progress Energy Company". A navigation bar contains links for Home, About Us, Benefits, Road Map, Design Studio, My Projects, and Library. Below this is a progress bar with five steps: 1. Identify Project, 2. Describe Application (current step), 3. Establish Criteria, 4. Select Picture, and 5. Request Design. The main content area is titled "Step 2 - Describe Application" and contains the text: "The first task in the design process is to clearly describe the application. What type of project is it? What is the anticipated level of activity? To help us better understand your project, simply answer the following questions." Below this text is a section titled "What is the area you are illuminating?" followed by a note: "If your project has multiple areas, you will be able to add another application from My Projects." A list of radio button options is provided: ☒ Roadway, ☐ Parking Lot, ☐ Pathway, and ☐ Other. At the bottom of the form area are "Back" and "Next" buttons. The footer of the page includes "© 2001 | [Site Terms](#)" and "Powered by Lithonia Lighting Group". The browser's status bar at the bottom shows "Done" and "Local intranet zone".

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address http://www.lightingsolutioncenter.com/RoadMap/step2_DescribeApp.asp?CategoryName=Application%20Type&Rule=2 Go

LSC Lighting Solution Center
High-value Lighting ... From Concept to Completion

Florida Power
A Progress Energy Company

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1. Identify Project 2. Describe Application 3. Establish Criteria 4. Select Picture 5. Request Design

Step 2 - Describe Application

The first task in the design process is to clearly describe the application. What type of project is it? What is the anticipated level of activity? To help us better understand your project, simply answer the following questions.

What is the area you are illuminating?

If your project has multiple areas, you will be able to add another application from My Projects.

☒ Roadway
☐ Parking Lot
☐ Pathway
☐ Other

Back Next

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10005099-120501


FIGURE 10

File Edit View Favorites Tools Help

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Address: http://www.lightingsolutioncenter.com/RoadMap/step2_DescribeApp.asp?ACTION=NEXT&radArea=5


Lighting Solution Center
High-value Lighting... From Concept to Completion


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My Profile Help Logout

1. Identify Project 2. Describe Application 3. Establish Criteria 4. Select Fixture 5. Request Design

Step 2 - Describe Application

Describe the level of activity of your parking lot by identifying the surroundings:

High Activity	Medium Activity	Low Activity
<input checked="" type="radio"/> Major league athletic event <input type="radio"/> Regional Shopping Center <input type="radio"/> Major cultural or civic event <input type="radio"/> Fast Food Facility <input type="radio"/> Other _____	<input type="radio"/> Office Park <input type="radio"/> Transportation <input type="radio"/> Cultural, civic or recreational events <input type="radio"/> Hospital <input type="radio"/> Residential complex <input type="radio"/> Community Shopping Center <input type="radio"/> Other _____	<input type="radio"/> Neighborhood Shopping <input type="radio"/> Industrial employee parking <input type="radio"/> Educational facility <input type="radio"/> Church <input type="radio"/> Park <input type="radio"/> Municipal Park <input type="radio"/> Other _____

What is the aesthetics or style of the area surrounding the parking lot:

☒ Historic
☐ Colonial
☐ European
☐ Modern
☐ Spanish/Mediterranean
☐ Victorian

Back Next

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FIGURE 11

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Address http://www.lightingsolutioncenter.com/RoadMap/step2_DescribeApp.asp?ACTION=NEXT&adArea=6

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1. Identify Project 2. Describe Application 3. Establish Criteria 4. Select Fixture 5. Request Design

Step 2 - Describe Application

What is the location of the pathway?

Municipal Park

What is the nighttime usage activity?

Medium Pedenstrian Traffic

What is the style of the surrounding area?

- ☐ Historic
- ☐ Colonial
- ☐ European
- ☒ Modern
- ☐ Spanish/ Mediterranean
- ☐ Victorian

Back Next

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100509-120501

FIGURE 12

The screenshot shows a web browser window with the address bar displaying http://www.lightingsolutioncenter.com/RoadMap/step3_EstablishCriteria.asp. The page header includes the "Lighting Solution Center" logo with the tagline "High-value Lighting... From Concept to Completion" and the "Florida Power" logo with the tagline "A Progress Energy Company". A navigation bar contains links for Home, About Us, Benefits, Road Map, Design Studio, My Projects, and Library. A progress bar shows five steps: 1. Identify Project, 2. Describe Application, 3. Establish Criteria (current step), 4. Select Fixture, and 5. Request Design. The main content area is titled "Step 3 - Establish Criteria" and includes a paragraph explaining the purpose of this step. Below this, a "Criteria:" section lists six criteria with corresponding dropdown menus for ranking. The rankings are: Aesthetics (1 - Very Important), Durability (3 - Undecided), Safety (4 - Not very important), Security (2 - Somewhat important), Energy Efficiency (5 - Not important at all), and Limiting Light Trespass (-Please Rank-). At the bottom of the criteria section are "Back" and "Next" buttons. The footer contains copyright information "© 2001 | Site Terms" and a note "Powered by Lithonia Lighting Group". A status bar at the very bottom indicates "Local intranet zone".

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address http://www.lightingsolutioncenter.com/RoadMap/step3_EstablishCriteria.asp Go

LSC Lighting Solution Center
High-value Lighting... From Concept to Completion

Florida Power
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1 Identify Project 2 Describe Application 3 Establish Criteria 4 Select Fixture 5 Request Design

Step 3 - Establish Criteria

Having a clear and thorough understanding of the wants and needs of your clients will help guide your decisions throughout the design process. And it will help us recommend the appropriate lighting solution. Please rank the criteria below according to what is most important to you and your clients.

Criteria:

Aesthetics:	1 - Very Important
Durability:	3 - Undecided
Safety:	4 - Not very important
Security:	2 - Somewhat important
Energy Efficiency:	5 - Not important at all
Limiting Light Trespass:	-Please Rank-

Back Next

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FIGURE 13

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address [ture.asp?ACTION=NEXT&selAesthetics=82&selDurability=89&selSafety=95&selSecurity=98&selEnergyEfficiency=106&selLimitSkyGlow=108](#) Go


Lighting Solution Center
High-value Lighting... From Concept to Completion.


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1. Identify Project 2. Describe Application 3. Establish Criteria 4. Select Fixture 5. Request Design

Step 4 - Select a Lighting Fixture

Selecting the appropriate lighting system is critical to the success of the outdoor lighting image you are trying to create. According to the selections you made in steps 1-3, the following luminaries would match your criteria and deliver a successful lighting solution.

Select Lighting System:

Image	Fixture	Pole	Design Palette	Case Studies	Product Catalog
	<input type="checkbox"/> Flagler	<input type="checkbox"/> Victorian <input type="checkbox"/> Colonial	View View	View	View
	<input checked="" type="checkbox"/> Biscayne	<input type="checkbox"/> Victorian <input checked="" type="checkbox"/> Washington	View View	View	View
	<input type="checkbox"/> Monticello	<input type="checkbox"/> Victorian <input type="checkbox"/> Colonial	View View		View

Select the luminaire and post that you would like for your project. You may select more than one and we'll create multiple proposals for your review.

◀ Back Next ▶

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FIGURE 14

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Address http://www.lightingsolutioncenter.com/RoadMap/step5_RequestDesign.asp?ACTION=NEXT&chkFixture2=2&chkPole22=8

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1. Methods/Project 2. Describe Application 3. Establish Criteria 4. Select Fixture 5. Request Design

Step 5 - Request Tailored Recommendation

Now that you have selected a lighting system, you're ready to request a lighting design tailored to your specific needs. We'll tell you how many luminaires and poles you need along with the associated rental, maintenance and energy costs. Simply complete the form below and we'll customize a lighting design at no cost to you!

Project Details:

Project Name: _____ Or Add to Existing Project: **Select From List**

Application Name: **Roadway**

Project Manager: _____

Street Address 1: _____

Street Address 2: _____

Street Address 3: _____

City: _____

State: **Alabama**

Zip Code: _____

County: _____

Country: **United States**

Phone #: _____

E-mail Address: _____

Project Description: _____

Is this new or existing construction?

☒ New

☐ Existing

Lighting System Selected:

Luminaire	Post
Biscayne	Washington

Illuminance Specification:

☒ Use industry standards for illuminance.

☐ Follow my criteria below.

Average Illuminance: _____ footcandles

Minimum Illuminance: _____ footcandles

Maximum to Minimum Ratio: _____ (i.e. 4:1)

Average to Minimum Ratio: _____ (i.e. 2:1)

Special Instructions:

Submit Reset

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FIGURE 15

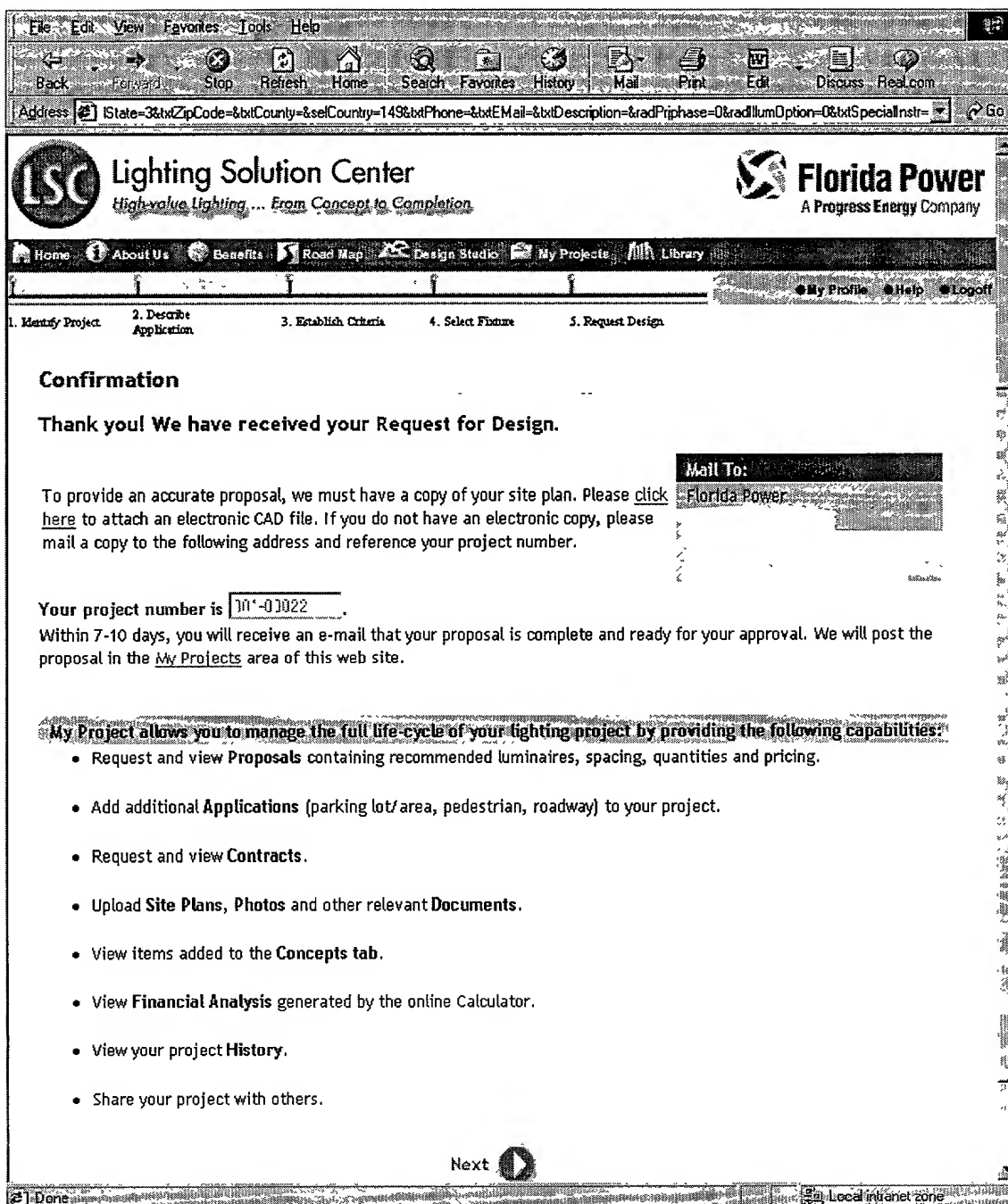


FIGURE 16

10005099-120501

UNDER CONSTRUCTION

Application Engineering Submittal

Project Information

Title	<input type="text"/>	Date Submitted	<input type="text"/>
Contact	<input type="text"/>	Date Due	<input type="text"/>
Agency	<input type="text"/>	Revision	<input type="text" value="Enter Project Number"/>

Procedure

Submittal Method	Email <input type="checkbox"/>	FedEx <input type="checkbox"/>	Fax <input type="checkbox"/>	Other <input type="text"/>
Reference	Attached File <input type="checkbox"/>	Diskette <input type="checkbox"/>	Hard Copy <input type="checkbox"/>	Other <input type="text"/>
Return Method	Email <input type="checkbox"/>	FedEx <input type="checkbox"/>	Fax <input type="checkbox"/>	Other <input type="text"/>

Design Criteria

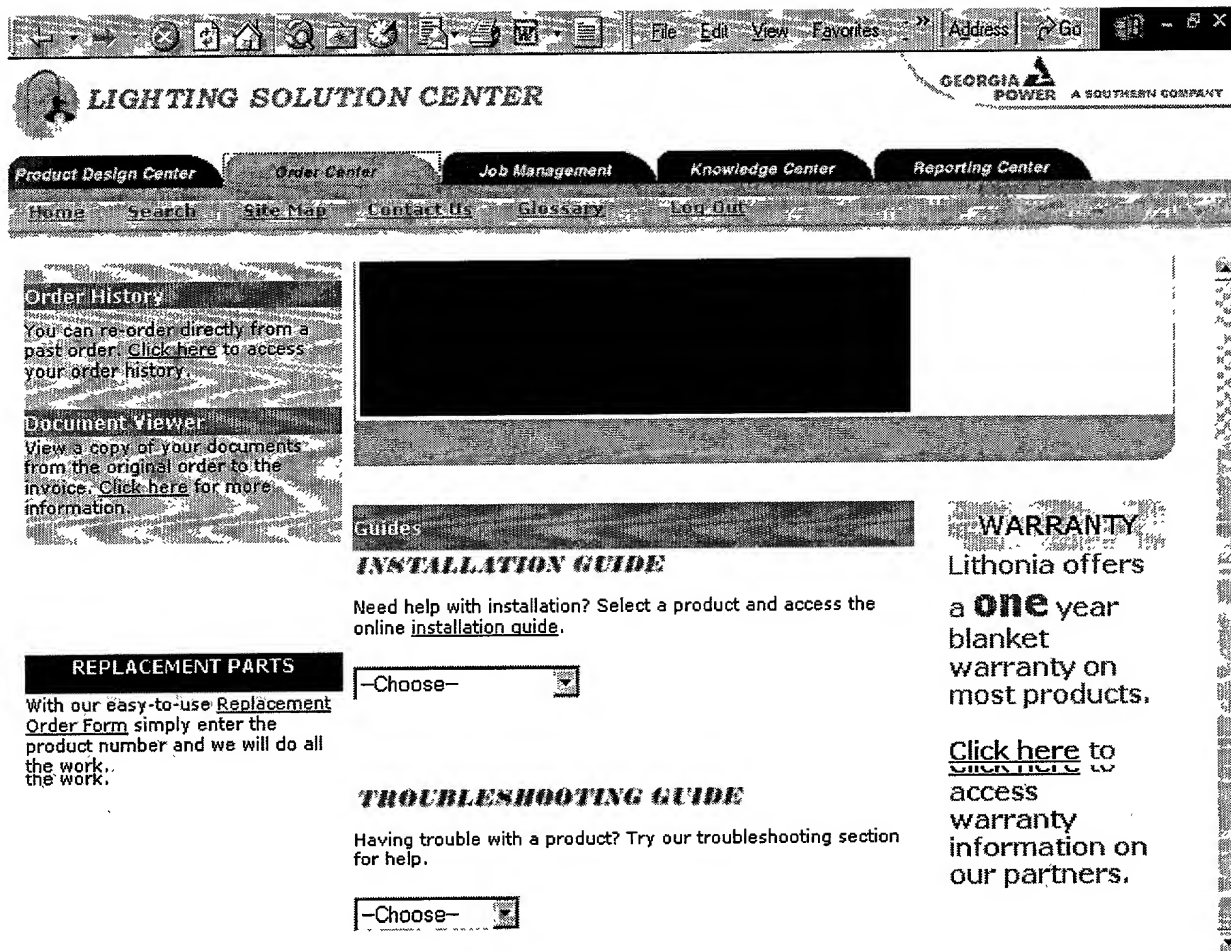
Design	Recommended <input checked="" type="radio"/>	Specified <input type="radio"/>
Illuminance	Minimum <input type="text"/>	Average <input type="text"/>
Uniformity	Max/Min <input type="text"/>	Avg/Min <input type="text"/>
Units	Input <input type="text" value="feet"/>	Output <input type="text" value="footcandles"/>

Luminaire

Specified Product	<input type="text"/>
Light Loss Factor	<input type="text"/>
Mounting Height	<input type="text" value="feet"/>
Restrictions	<input type="text"/>
Lamp Wattage	<input type="text"/>
Lamp Lumens	<input type="text"/>
Lamp Type	Metal Halide <input checked="" type="radio"/> High Pressure Sodium <input type="radio"/> Other <input type="radio"/>

Additional Instructions

FIGURE 17



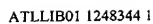
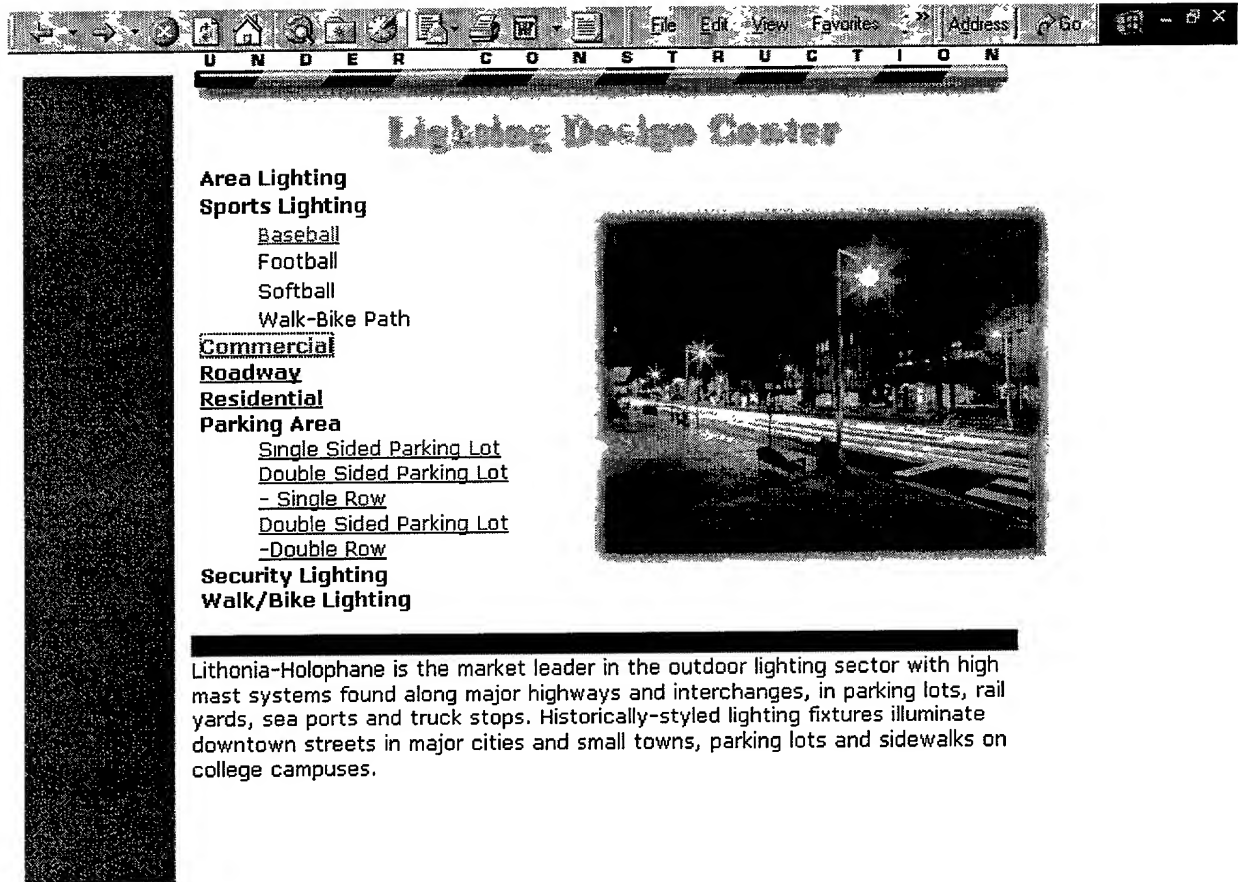


FIGURE 19



1005099-120501

FIGURE 20

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Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com


Address http://www.lightingsolutioncenter.com/lr_home.asp

LIGHTING SOLUTION CENTER GEORGIA POWER A SOUTHERN COMPANY

Product Design Center Order Center Job Management Knowledge Center Reporting Center

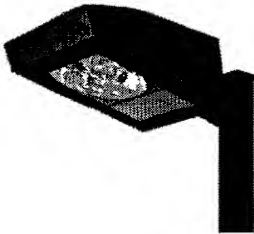
Home Search Site Map Contact Us Glossary Log Out

Commercial Street Lighting



[Boulevard](#)

[Mongoose](#)



Commercial Pattern

Fixture	Catalog Number	Fixture Spacing (FT)	
		Straight	Staggered
Boulevard	BV2 250M R3	165	348
Boulevard	BV2 400M R2	186	396
Mongoose	MC250MH00NCXWX	228	456
Mongoose	MC400MH00SCXWX	186	480

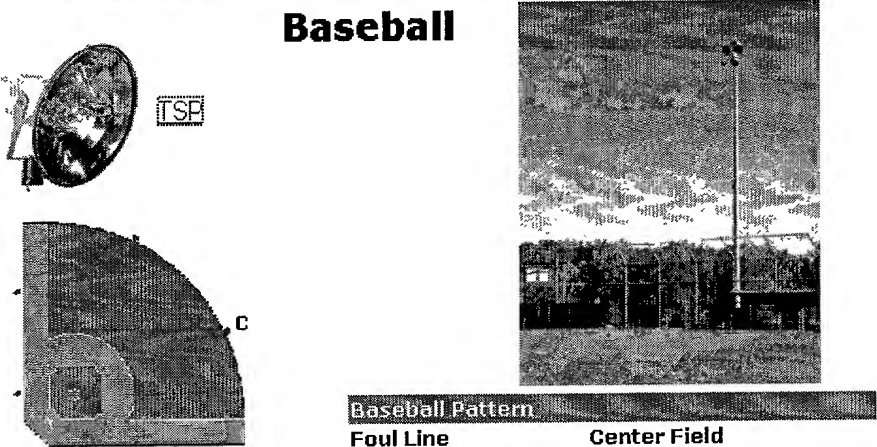
[Return to Lighting Design Center](#)

[1 item remaining] Downloading picture http://www.lightingsolutioncenter.com/images/Design/Typical/ResidentialStreet/105aMango Local intranet zone

10005099-120501

FIGURE 21

Baseball



A = Infield
B = Centerfield
C = Outfield

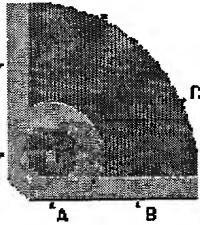
[Return to Lighting Design Center](#)

Baseball Pattern	
Foul Line	Center Field
260ft Foul Line	260ft Center Field
280ft Foul Line	280ft Center Field
300ft Foul Line	300ft Center Field
320ft Foul Line	320ft Center Field
340ft Foul Line	340ft Center Field
360ft Foul Line	360ft Center Field
320ft Foul Line	380ft Center Field
340ft Foul Line	400ft Center Field

FIGURE 22



Baseball Field - 260ft Center, 260ft Foul



A = Infield
B = Centerfield
C = Outfield

[previous page](#)

30ft Infield / 20ft Outfield					
			Type and Qty per Pole		
Pole	Qty	Mtg Ht.	GP24N	GP24M	GP24W
A	2	60	2	2	1
B	2	60	3	1	-
C	2	60	4	1	-
Total	6	-	18	8	2

50ft Infield / 30ft Outfield					
			Type and Qty per Pole		
Pole	Qty	Mtg Ht.	GP24N	GP24M	GP24W
A	2	60	5	3	-
B	2	60	5	1	-
C	2	60	5	1	-
Total	6	-	30	10	-

[Download Visual File](#)

[Download Visual File](#)

10005099 - 120501

FIGURE 23

Roadway Lighting Tool - Step 1 of 4

Design #1 Design #2 Comparison

Roadway Enter the number of lanes per side, the roadway width per side, and median width.

Pavement Select the surface reflectance for the roadway pavement.

Units Select Input Units of English or Metric.

Roadway

One Direction

Number of Lanes

Lane Width

Two Directions

Number of Lanes [L]

Lane Width [L]

Number of Lanes [R] [Left Side]

Lane Width [R]

Median Width [Right Side]

Pavement

Surface Reflectance

Units

☒ English [feet]

☐ Metric [meters]

Cancel Back 1 2 3 4 Next Finish

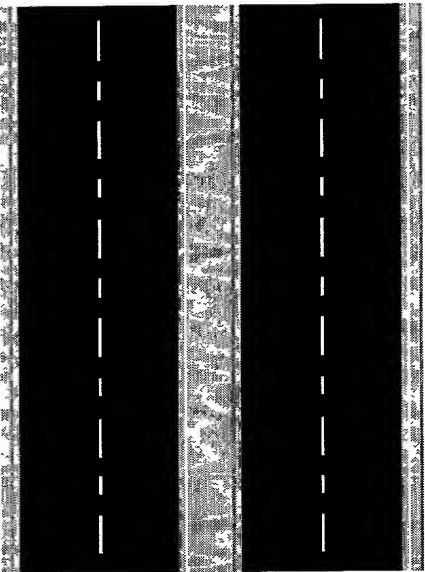


FIGURE 24

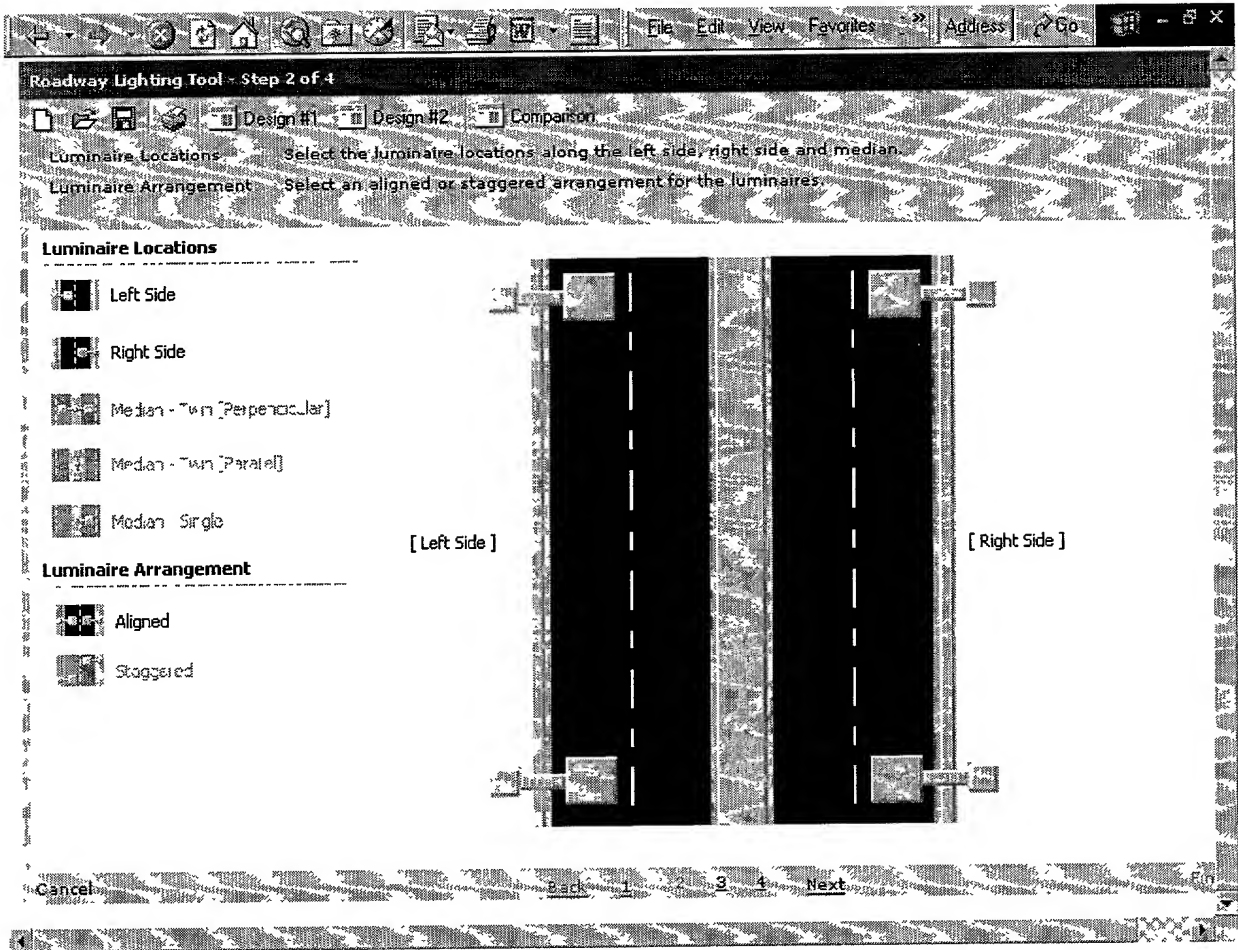


FIGURE 25

Roadway Lighting Tool - Step 3 of 4

Design #1 Design #2 Comparison

Photometry Select a photometric file and enter the appropriate light loss factor.

Luminaire Enter the dimensions, mounting height, support length and setback.

Photometry

Photometric File
C:\IES\KSF\12345678.IES

Catalog Number
KSF 400M R3

Lumens per Lamp 36000

Input Power 100

Light Loss Factor .72

Luminaire

Length [X] 2

Width [Y] 2

Height [Z] 1

Tilt 5

Mounting Height 30

Support Length 1

Setback 10

PLAN VIEW

ELEVATION VIEW

Left Side Right Side Median

Cancel Back 1 2 3 4 Next

FIGURE 26

Roadway Lighting Tool - Step 4 of 4

Design #1 Design #2 Comparison

Criteria: Enter a Illuminance or luminance criteria for the design.

Constraints: Enter any constraints that apply to the design.

Units: Select Output Units of footcandles or lux.

Criteria

Average [Illuminance]

Minimum [Illuminance]

Average [Luminance]

Constraints

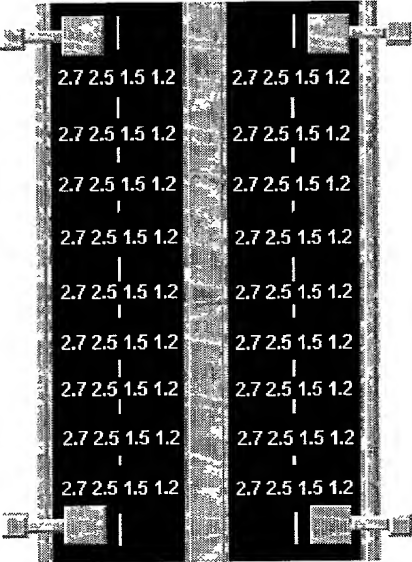
Luminaire Spacing

Roadway Length

Illuminance Units

☒ English [footcandles]

☐ Metric [lux]



● **Horizontal Illuminance**

○ **Roadway Luminance**

○ **Veiling Luminance Ratio**

○ **Small Target Visibility**

Average	5.0
Maximum	7.0
Minimum	1.0
Avg/Min	5:1
Max/Min	7:1

Luminaire Spacing 120 ft

Number of Luminaires 12

Cancel Back 1 2 3 Next Finish

FIGURE 27

UNDER CONSTRUCTION

Lumen Method Tool - Step 1 of 4

Design #1 Design #2 Comparison

Dimensions Enter the dimensions of the room.

Reflectance Select the surface reflectance for the ceiling, walls and floor.

Units Select Input Units of English or Metric.

Dimensions

Length [X]	100
Width [Y]	200
Height [Z]	10

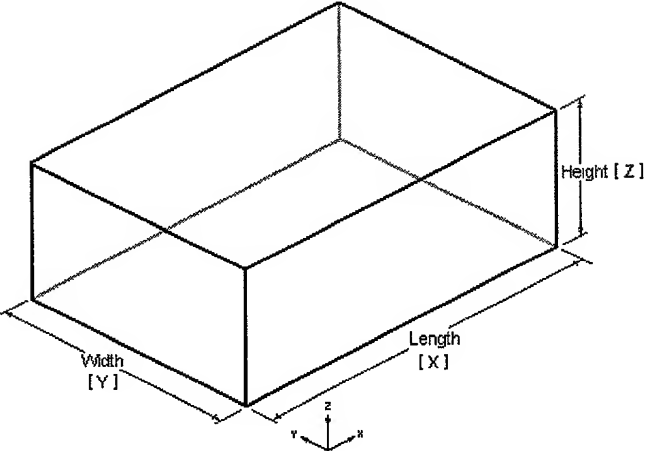
Reflectance

Ceiling	80
Walls	50
Floor	20

Units

☒ English [feet]

☐ Metric [meters]



A 3D wireframe diagram of a rectangular room. The dimensions are labeled: Length [X] for the front edge, Width [Y] for the side edge, and Height [Z] for the vertical edge. A small 3D coordinate system with X, Y, and Z axes is shown at the bottom right of the diagram.

FIGURE 28

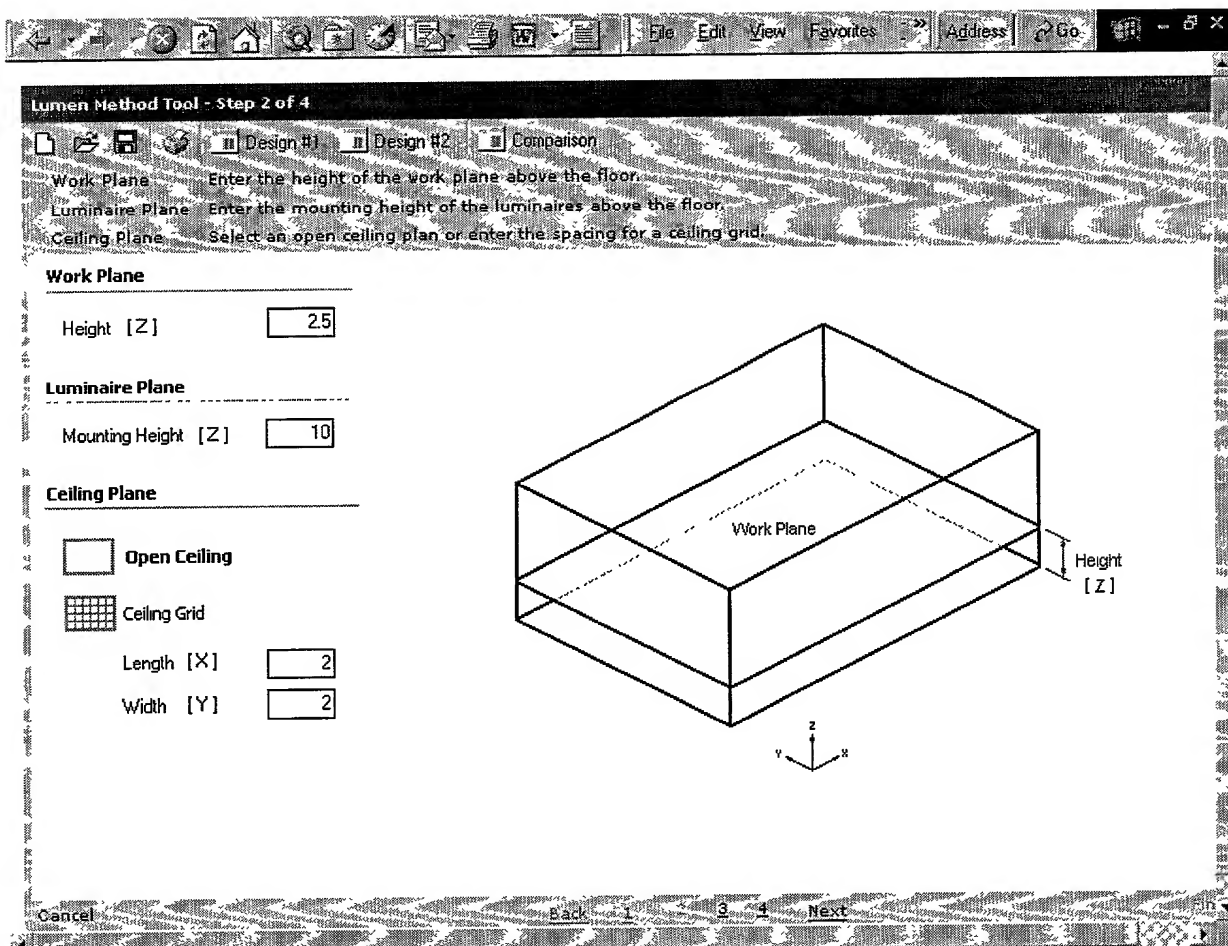


FIGURE 29

Lumen Method Tool - Step 3 of 4

Design #1 Design #2 Comparison

Photometry Select a photometric file and enter the appropriate light loss factor.

Luminaire Select a shape, enter the dimensions, and select the rotation.

Photometry

Photometric File
C:\IES\KSF\12345678.IES

Catalog Number
2PG 3 TUBE

CU Value [RCR=3.8] .78

Lamps per Luminaire 2

Lumens per Lamp 2800

Input Power 100

Light Loss Factor .72

Luminaire

Shape Rectangular

Length [X] 2

Width [Y] 2

Height [Z] 1

Rotation 0

Width [Y]

Length [X]

Cancel Back Next

100-443886-100

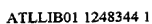


FIGURE 31

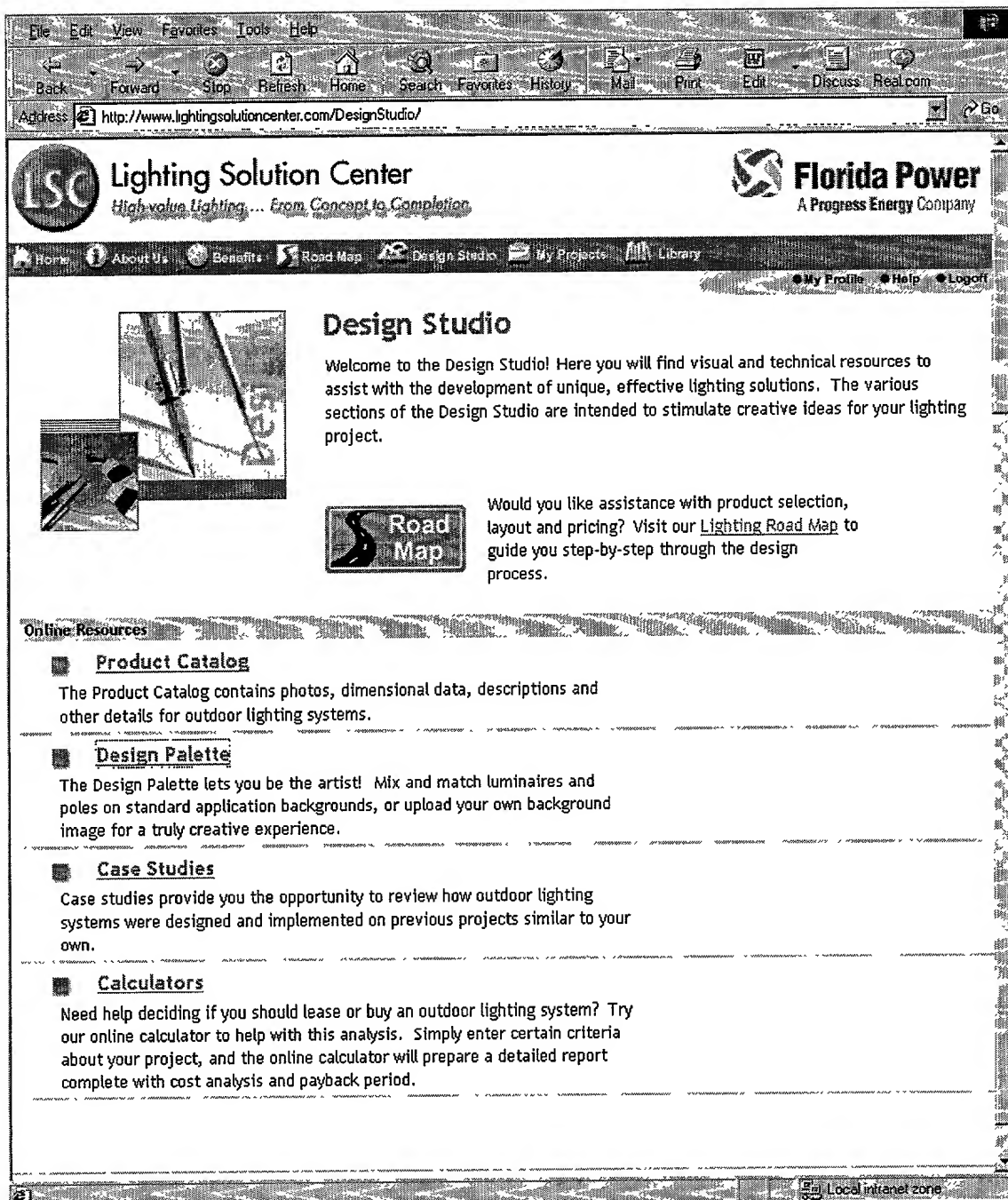


FIGURE 32

10005099-120501

LIGHTING SOLUTION CENTER

GEORGIA POWER A SOUTHERN COMPANY

Product Design Center | Order Center | Job Management | Knowledge Center | Reporting Center

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Job Portfolio

Check out some of the best lighting choices used in the industry.

[Click here](#) to see local job examples.

Product Design PALETTE

Outstanding Lighting Design - Visualize the variety of pole and fixture options using a Virtual Lighting Designer wizard. [Click here](#) to choose from an array of stylish lighting options!

TOOLS

Visual

Download a copy of [Visual](#) to design your own project layout

Roadway

Use the [Roadway Tool](#) to quickly determine what is needed for your project

Interior Lighting

Need to determine how much light you need? Let the [Interior Lighting Tool](#) calculate the information for you

Take a Virtual Tour

View three dimensional images of actual lighting applications.

Take a tour through a parking garage, walk through a parking lot, or stand in the middle of a sports complex.

[-Choose-](#)

Product Comparison

Go one-on-one with an array of products that the industry has to offer. [Click to compare your selection.](#)

Lighting Applications Center

Lighting Design Center

Enter the [Lighting Design Center](#) to select a lighting application and view typical lighting scenarios

Custom Applications Center

1. [Request](#) a Custom Project layout
2. Check the [Status](#) of your Custom Project Layout
3. Retrieve your Custom Project Layout

Guides

Catalog

Visit the catalog for a variety of Outdoor, Roadway and Sign lighting.

Vendor Specific Products **GA Power Products**

[-Choose-](#) [-Choose-](#)

Specification Sheets

Download electronic copies of detailed specification data. Learn more about the products that you plan to order.

Vendor Specific Products **GA Power Products**

[-Choose-](#) [-Choose-](#)

Photometric Data

Know what you can expect from your lighting. [Click here](#) to view the Lighting Designers most valuable tool.

Vendor Specific Products **GA Power Products**

[-Choose-](#) [-Choose-](#)

LIFE CYCLE COST ANALYZER

Discover a Variety of ways to conserve energy! Find out more about energy saving products and techniques.

FIGURE 33



FIGURE 34

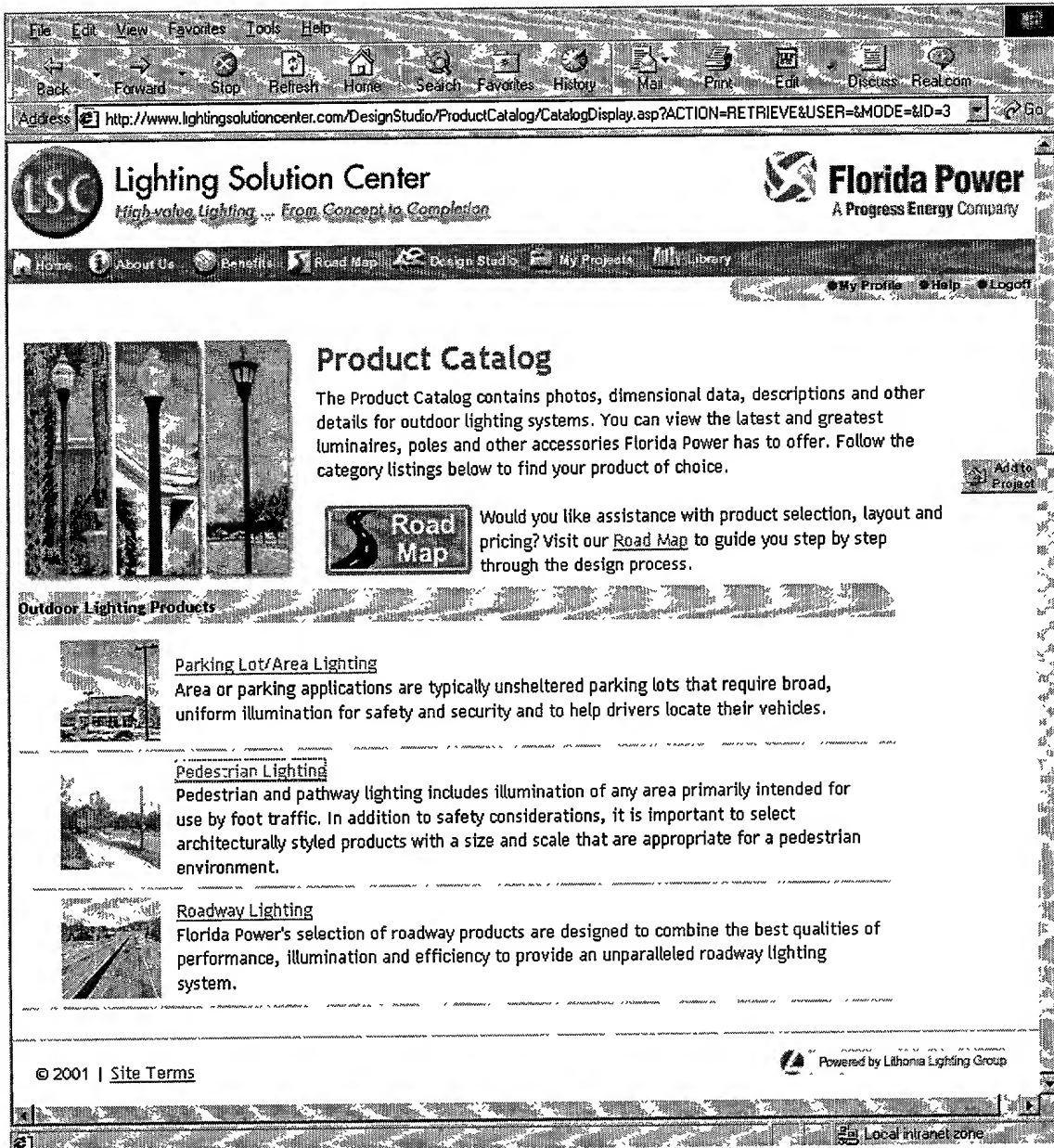


FIGURE 35

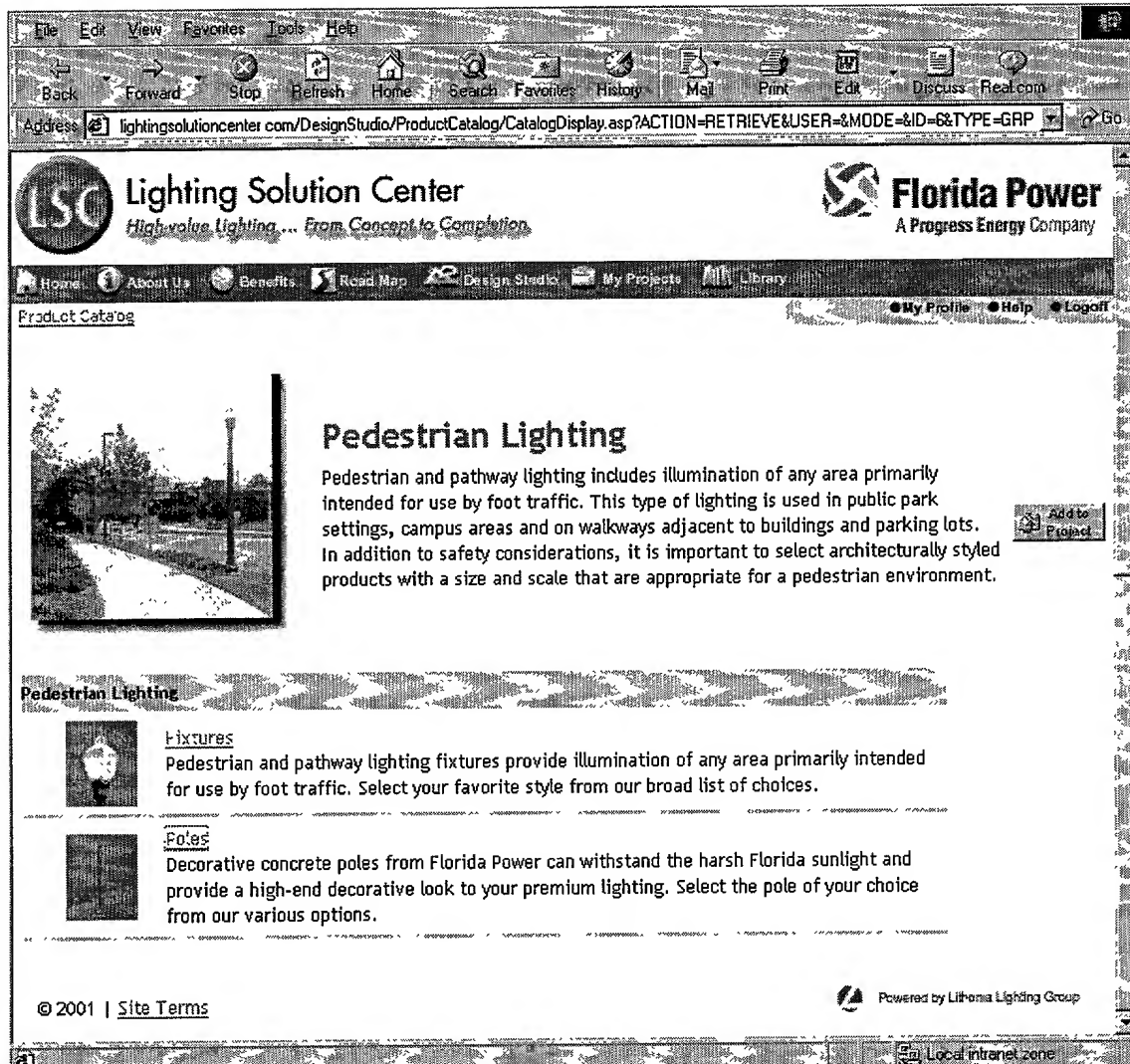



FIGURE 36


File Edit View Favorites Tools Help

Back Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address ghingsolutioncenter.com/DesignStudio/ProductCatalog/CatalogDisplay.asp?ACTION=RETRIEVE&USER=MODE=174&TYPE=GRP



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





Product Catalog | Parking Lot/Area Lighting

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Fixtures

Area or parking lot fixtures provide broad, uniform illumination for safety and security and to help drivers locate their vehicles. Prime considerations in lighting selection for parking areas include providing visibility for drivers, ensuring safety and security for pedestrians and enhancing the visual appeal of the architectural setting.

Fixtures

-  **Flagler**
Acorn globe with gold finial and band
-  **Biscayne**
Traditional acorn glass globe
-  **Monticello**
Octagonal lantern
-  **Ocala**
Traditional acrylic globe
-  **Sanibel**
Shepherd's crook
-  **Sebring**
Coach light
-  **Clermont**
Teardrop
-  **BV2**
Architectural arm-mounted area lighter
-  **KV6**
1,000-watt vertical area lighter
-  **KAD**
Die-cast area lighter with soft-corner appearance

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FIGURE 37

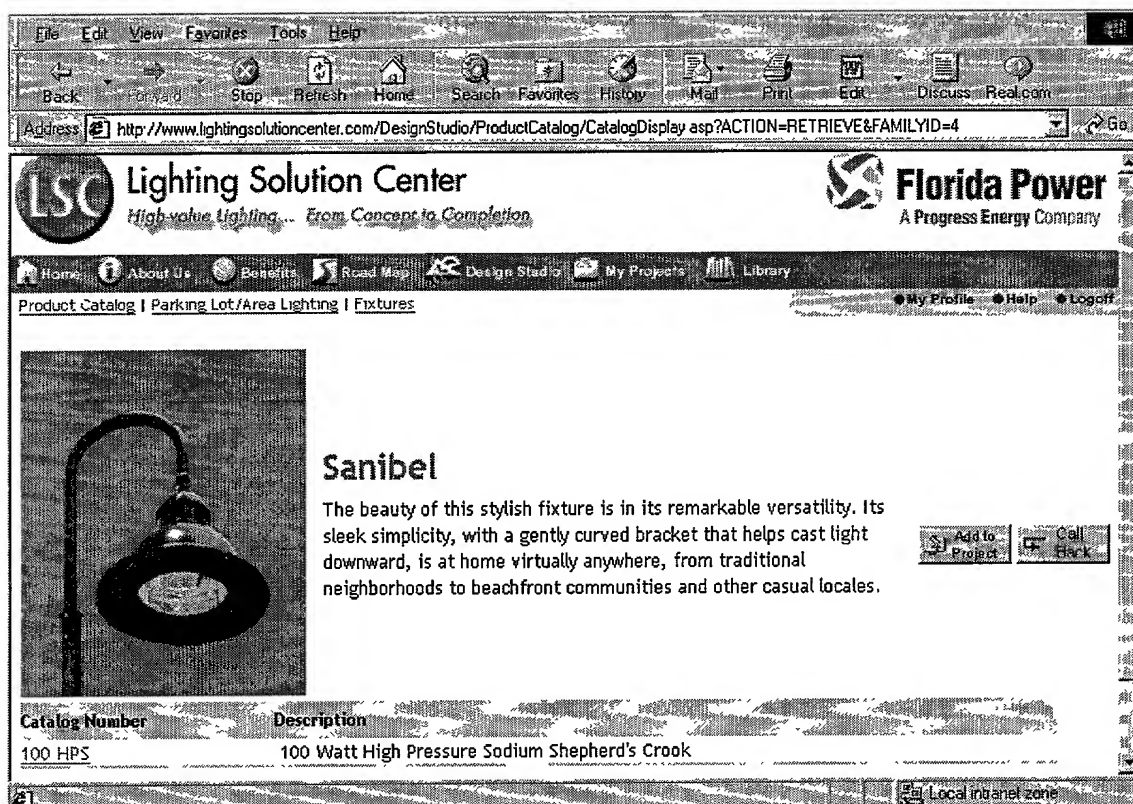


FIGURE 38

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address ter.com/DesignStudio/ProductCatalog/ProductDisplay.asp?ACTION=RETRIEVE&USER=&MODE=&ID=12&TYPE=DTL&PARENTID=132 Go

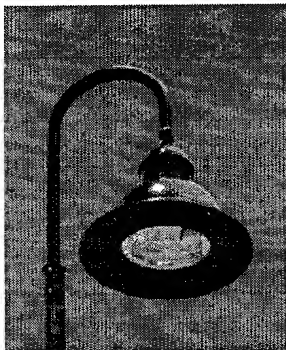
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Product Catalog | Parking Lot/Area Lighting | Fixtures | Sanibel

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Sanibel Details

Classification: Pedestrian , Fixtures
Product: Sanibel
Catalog Number: 100 HPS
Manufacturer: Holophane

Overview: The beauty of this stylish fixture is its remarkable versatility. Its sleek simplicity, with a gently curved bracket that helps cast light downward, is at home virtually anywhere, from more formal traditional neighborhoods to beachfront communities and other casual locales.

Short Description: 100 Watt High Pressure Sodium Shepherd's Crook

Features and Benefits: Shepherd's Crook

Lamp: 100 watts High Pressure Sodium

Mounting Height: 12'

Pole: Colonial, Victorian, Washington

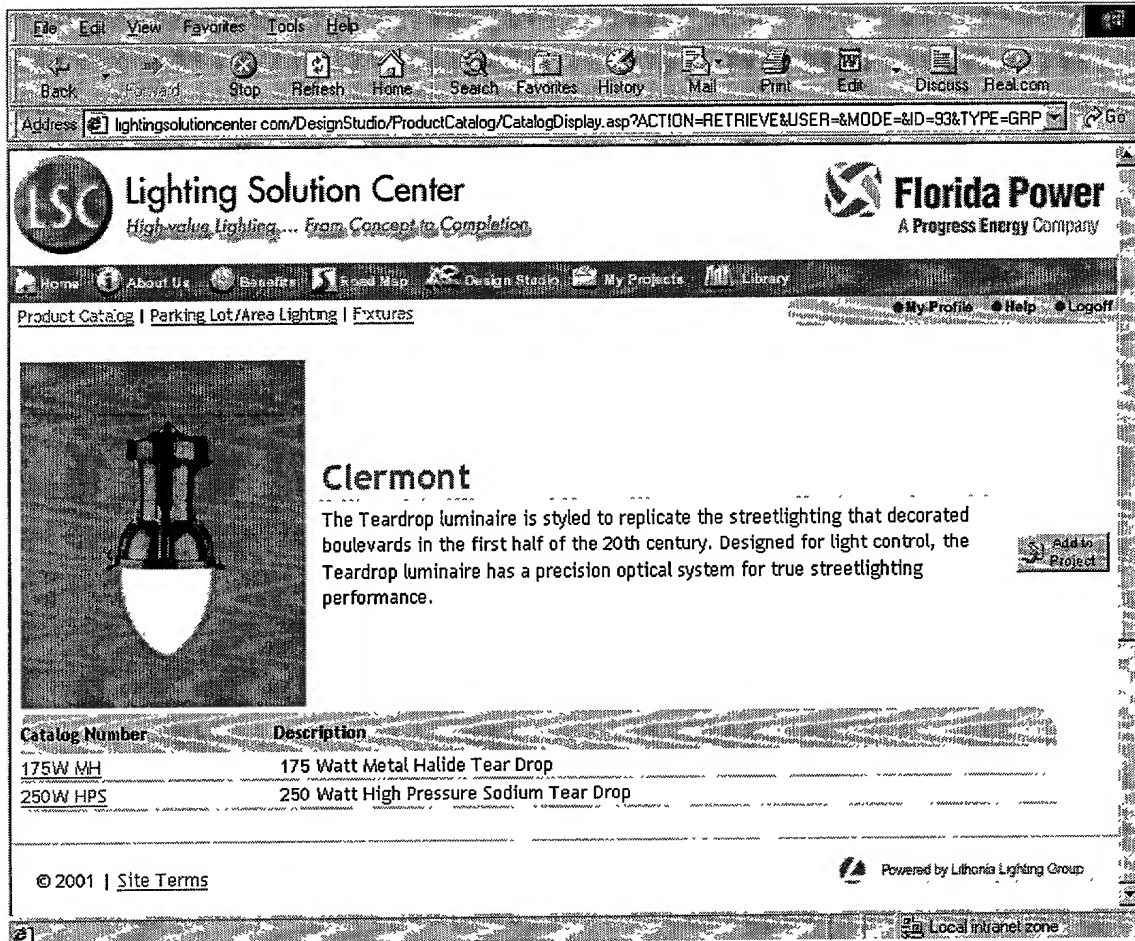
IES Data File:

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FIGURE 39



100509-12501

FIGURE 40

File Edit View Favorites Tools Help

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Address: nter.com/DesignStudio/ProductCatalog/ProductDisplay.asp?ACTION=RETRIEVE&USER=&MODE=&ID=50&TYPE=DTL&PARENTID=93 Go

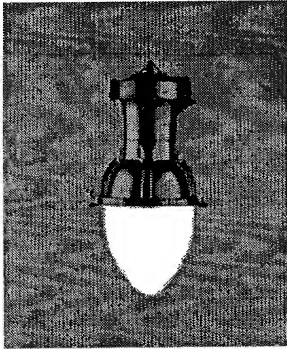
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Product Catalog | Parking Lot/Area Lighting | Fixtures | Clermont

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Clermont Details

Classification: Parking Lot/Area, Fixtures
Product: Clermont
Catalog Number: 175 MH
Manufacturer: Holophane

Add to Project

Overview: The Clermont luminaire is styled to replicate the "teardrop" luminaires that lighted boulevards in the first half of this century. Designed for light control, the Clermont has a precision optical system for true street lighting performance

Short Description: 175 Watt Metal Halide Tear Drop

Features and Benefits: The optical system provides efficient lighting and uniform illumination while, at the same time, emitting the low-brightness, soft glow of street lights.

Lamp: 175 watts metal halide

Mounting Height:

Pole: X

IES Data File:

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1005099 "120501"

FIGURE 41

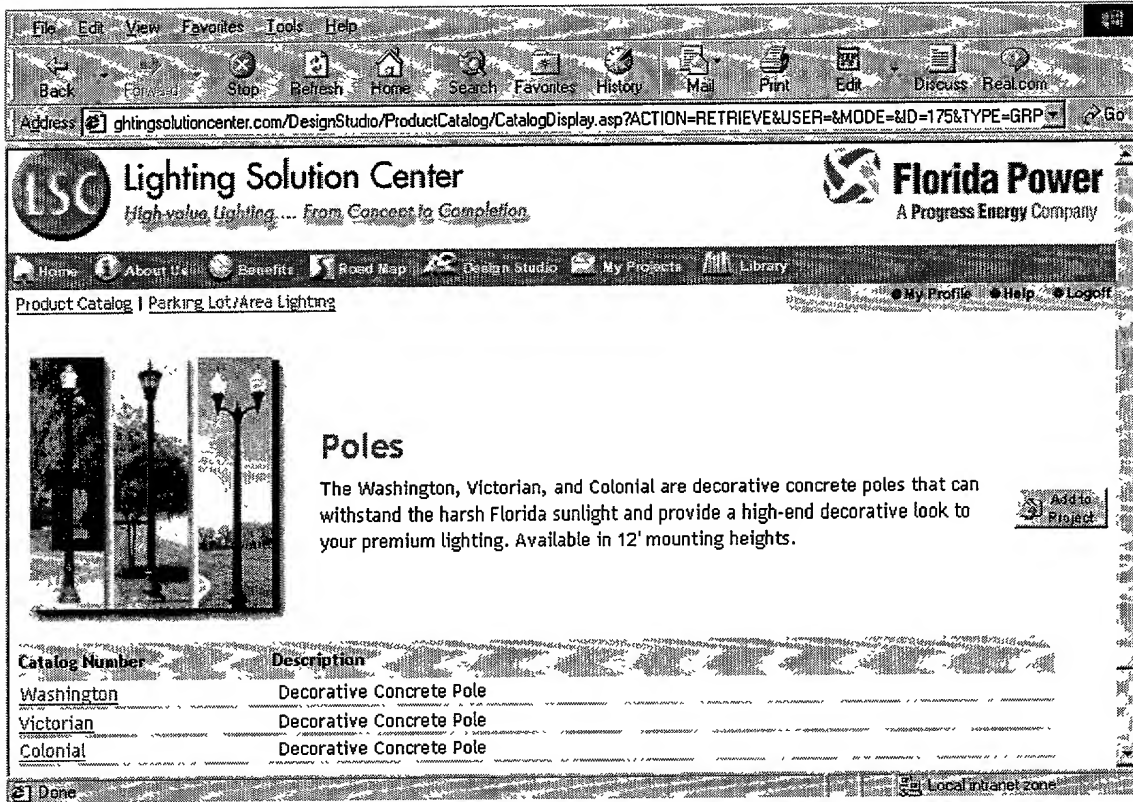


FIGURE 42

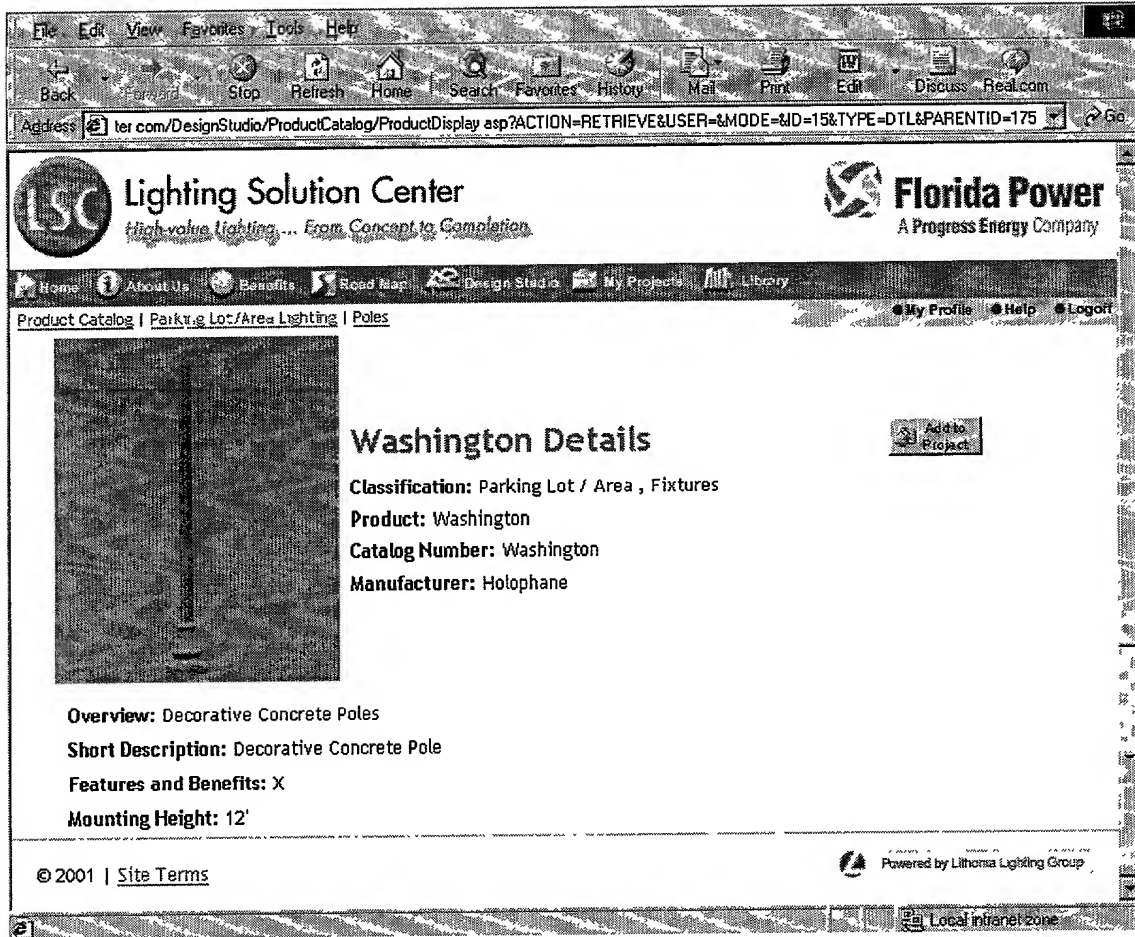



FIGURE 43


File Edit View Favorites Tools Help

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Address http://www.lightingsolutioncenter.com/DesignStudio/DesignPalette/default.asp



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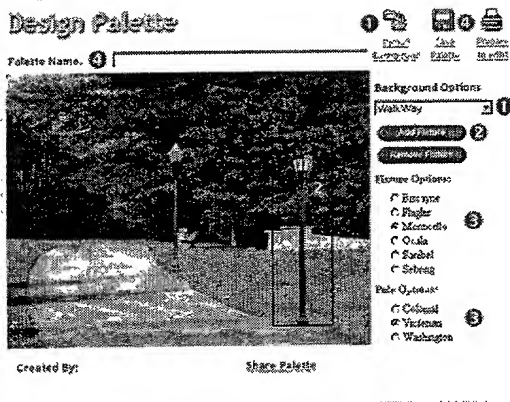
Design Palette

The Design Palette lets you be the artist! Mix and match luminaires and poles on standard application backgrounds, or upload your own background image for a truly creative experience.

Select From Existing Palettes Create New Palette

Instructions

- Select the Background** - Start by selecting the background for your scene from the Background Options drop-down box. If you would like to upload your own image, simply click the "Upload Background" icon, navigate to your file, and select the upload button. It will then appear as one of the choices in the drop-down box. For optimal viewing, uploaded files should be 515 pixels wide by 389 pixels high (72 dpi photos will upload the fastest).
- Place the Fixtures** - After you've selected your background, you're ready to start placing luminaires and poles by clicking the "Add Fixture" button. You can add up to two fixtures per scene. You can also change the scale and location for a more realistic appearance. Once you select the fixture and the outline box turns blue, you can click on the red up/down arrow to resize, or click anywhere in the blue box to move the fixture.
- Mix and Match** - Want to see how different fixtures and poles would look on your project? Click on the product you would like to change, and a blue box will appear around it. Then toggle through the various fixture and pole options. The Design Palette has been programmed to only allow you to view compatible fixture/pole combinations.
- Save** - Once you've chosen the perfect fixture/pole combination for your project, name it and save it for future reference by clicking on the "Save Design" icon. You can view your saved designs by choosing one from the drop-down menu and clicking on the "View" button.
- Print** - Want to print the design you have created? Start by clicking on the "Prepare to print" icon. Click on File and then select Print.



Design Palette

Palette Name: 1

Background Options

Walk Way 1

Add Fixture 2

Remove Fixture 3

Fixture Options

1 Fixtype 2 Pole 3 Monorail 4 Oval 5 Street 6 Sensor

Pole Options

1 Column 2 Vertical 3 Washington

Created By: Share Palette

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1005059-12061

FIGURE 44

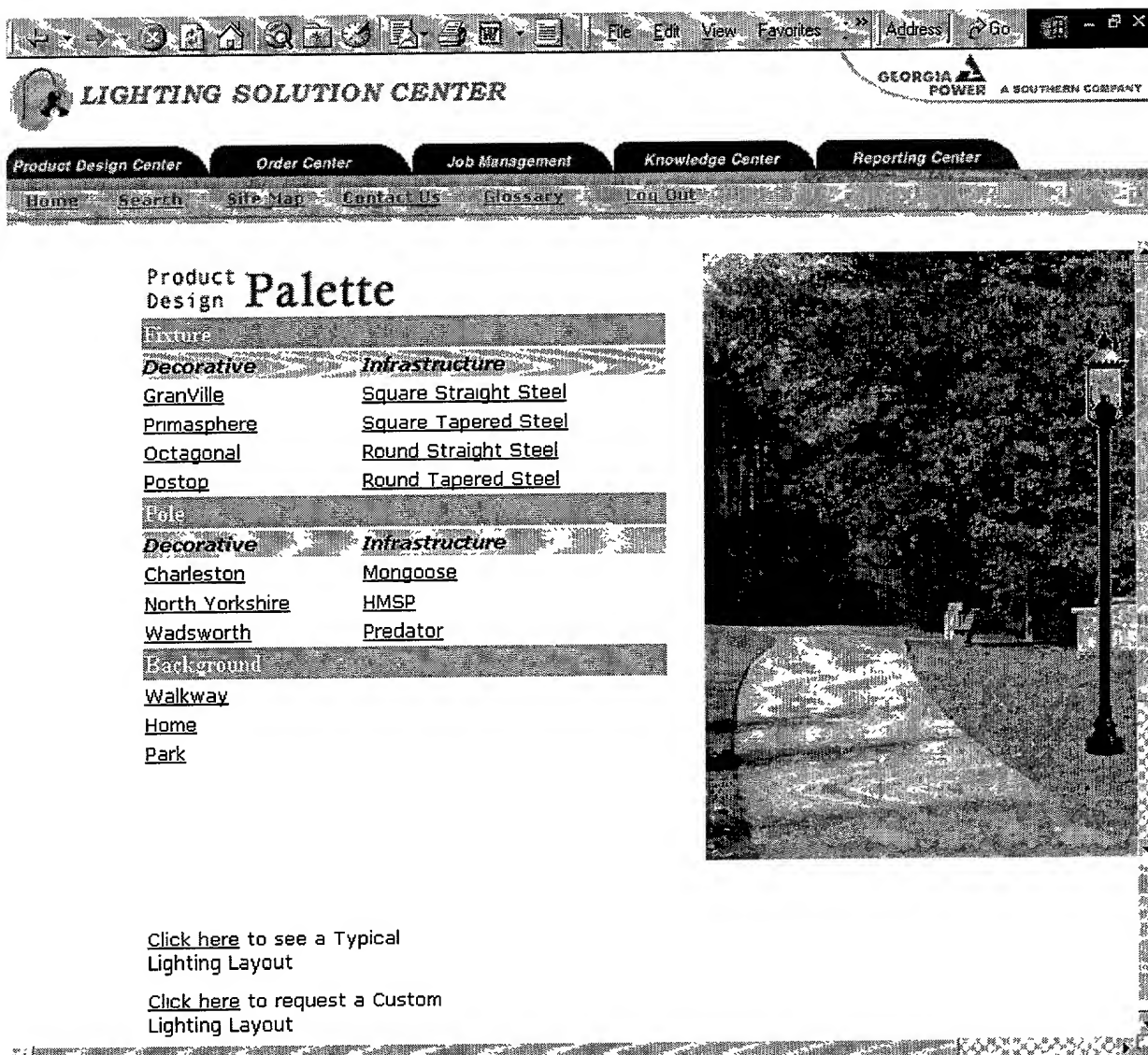


FIGURE 45

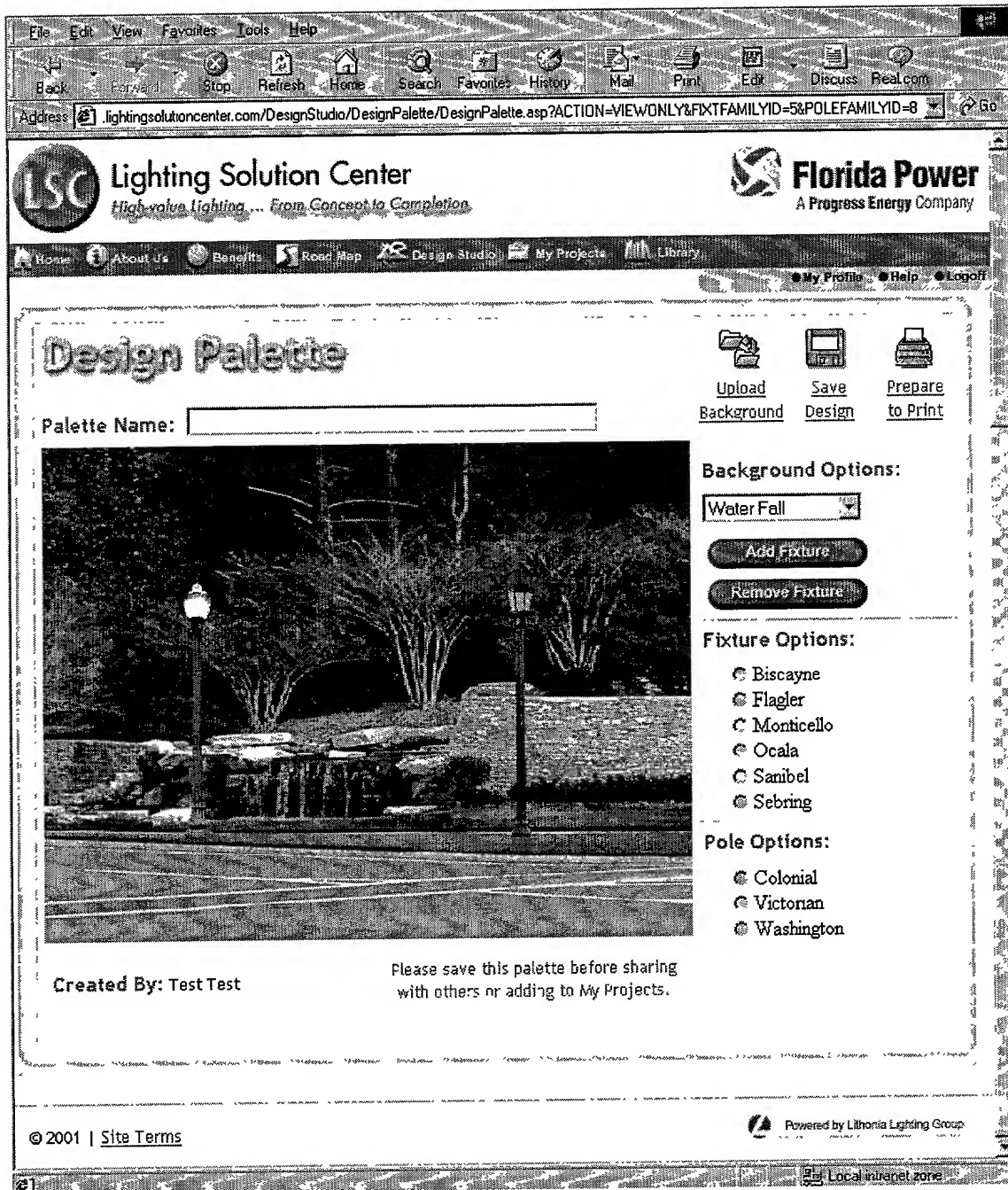


FIGURE 46

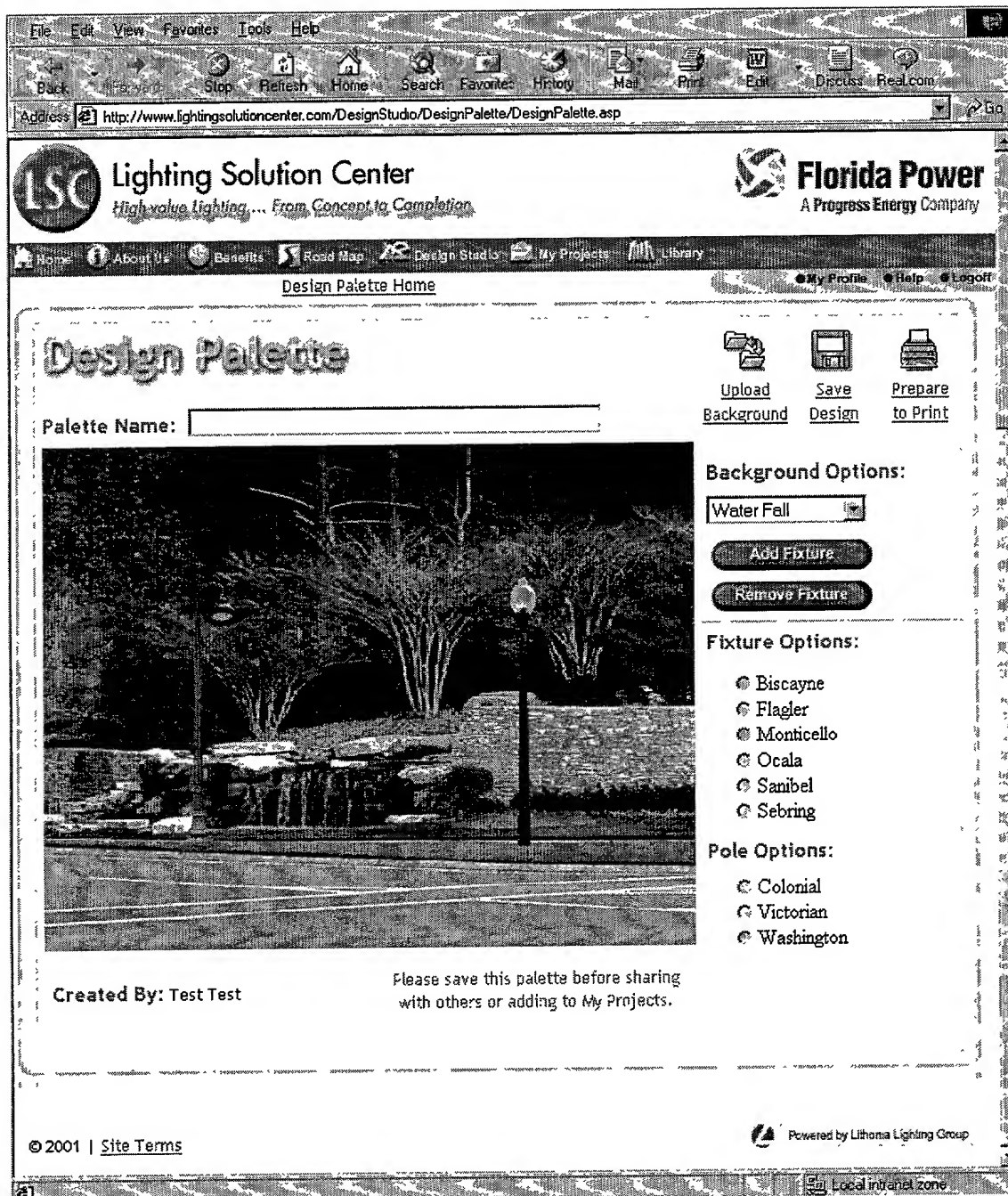


FIGURE 47

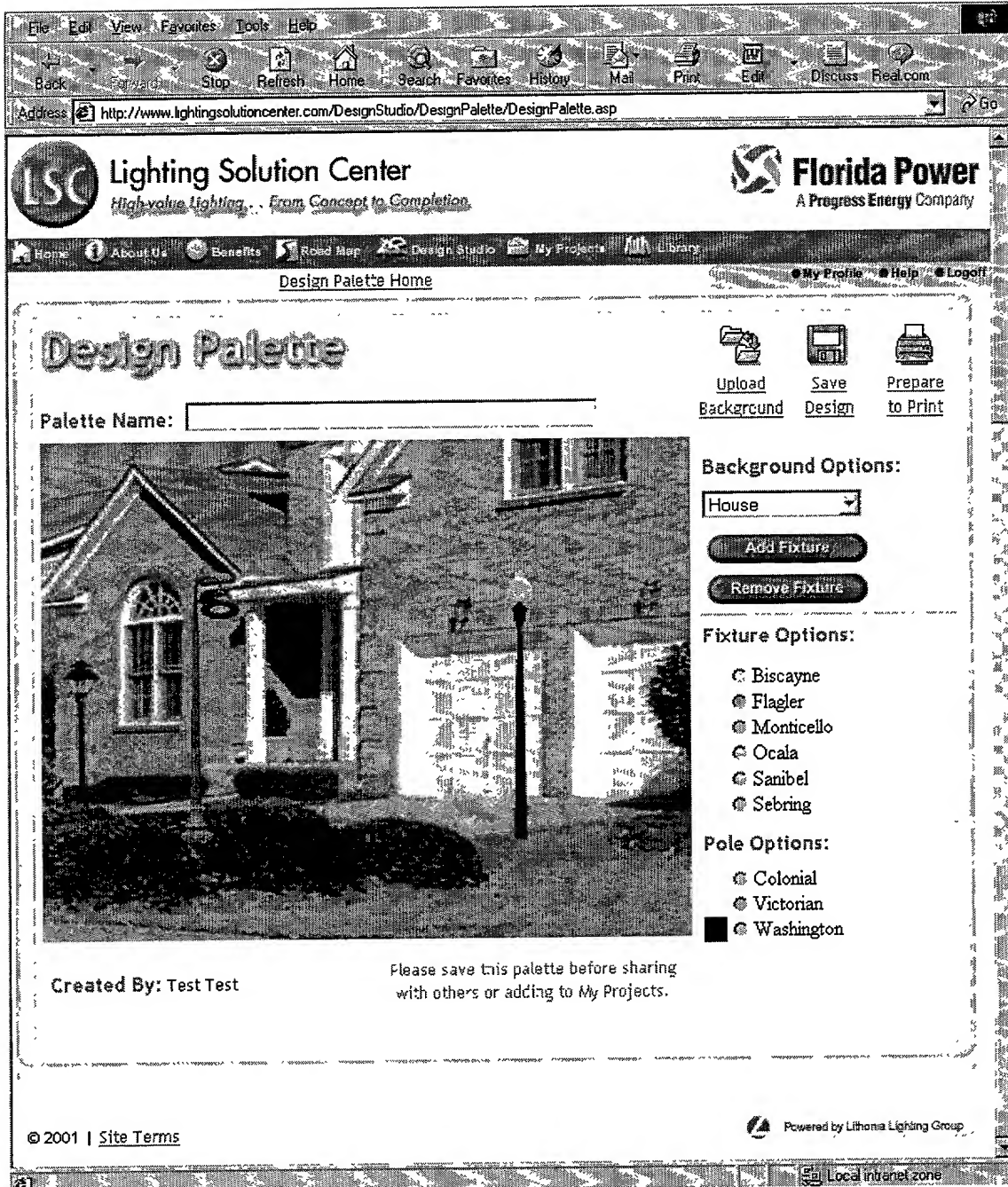


FIGURE 48

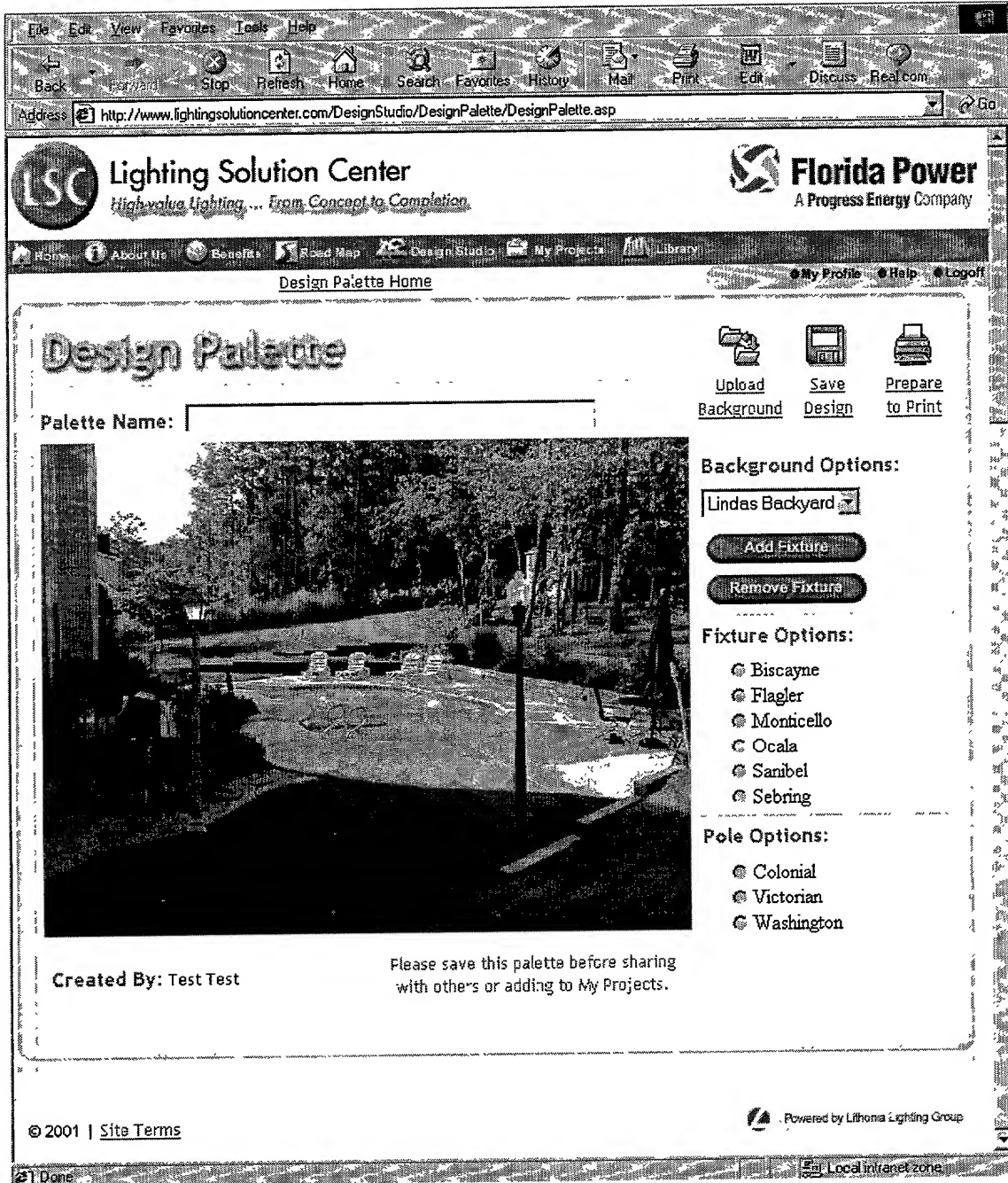


FIGURE 49

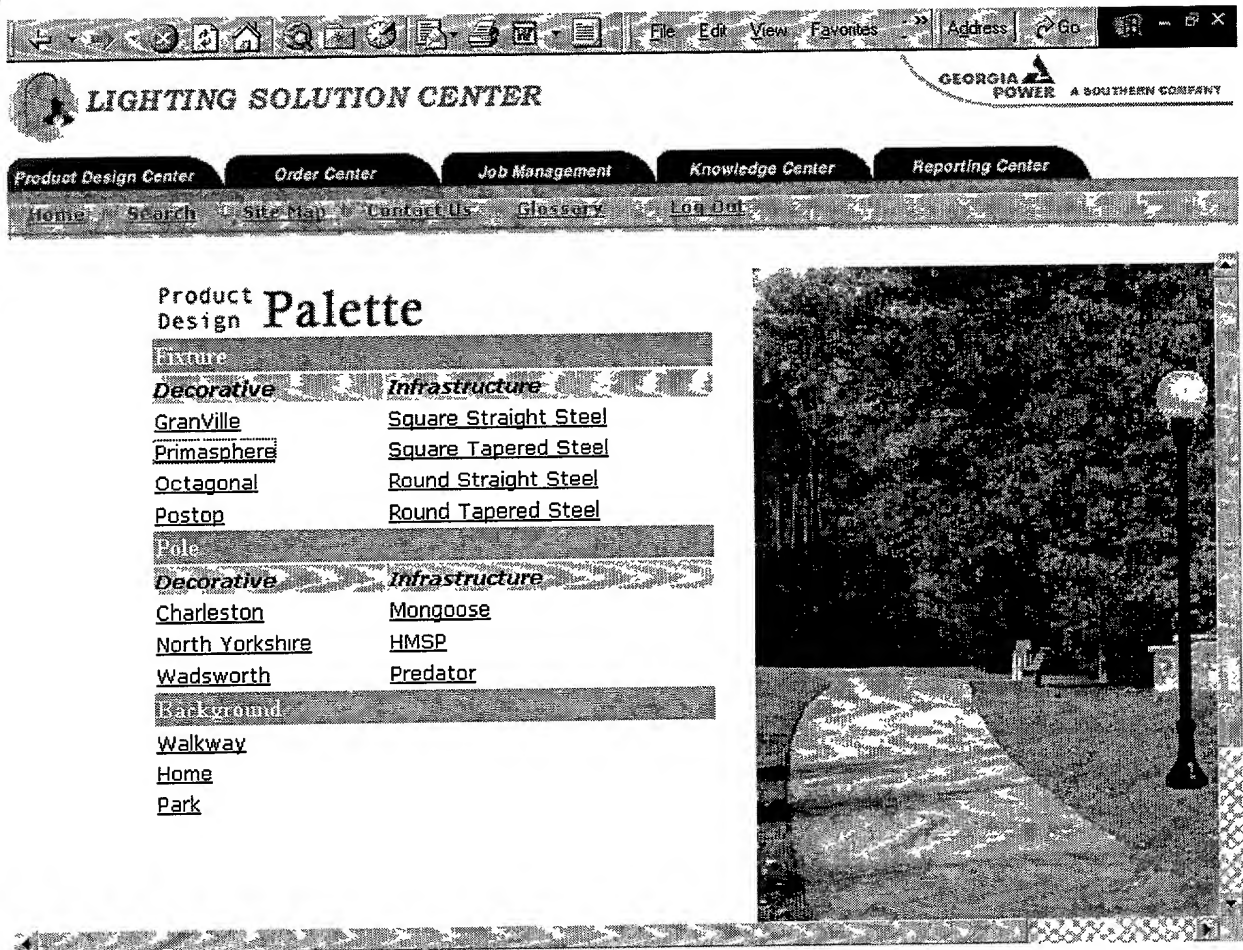


FIGURE 50

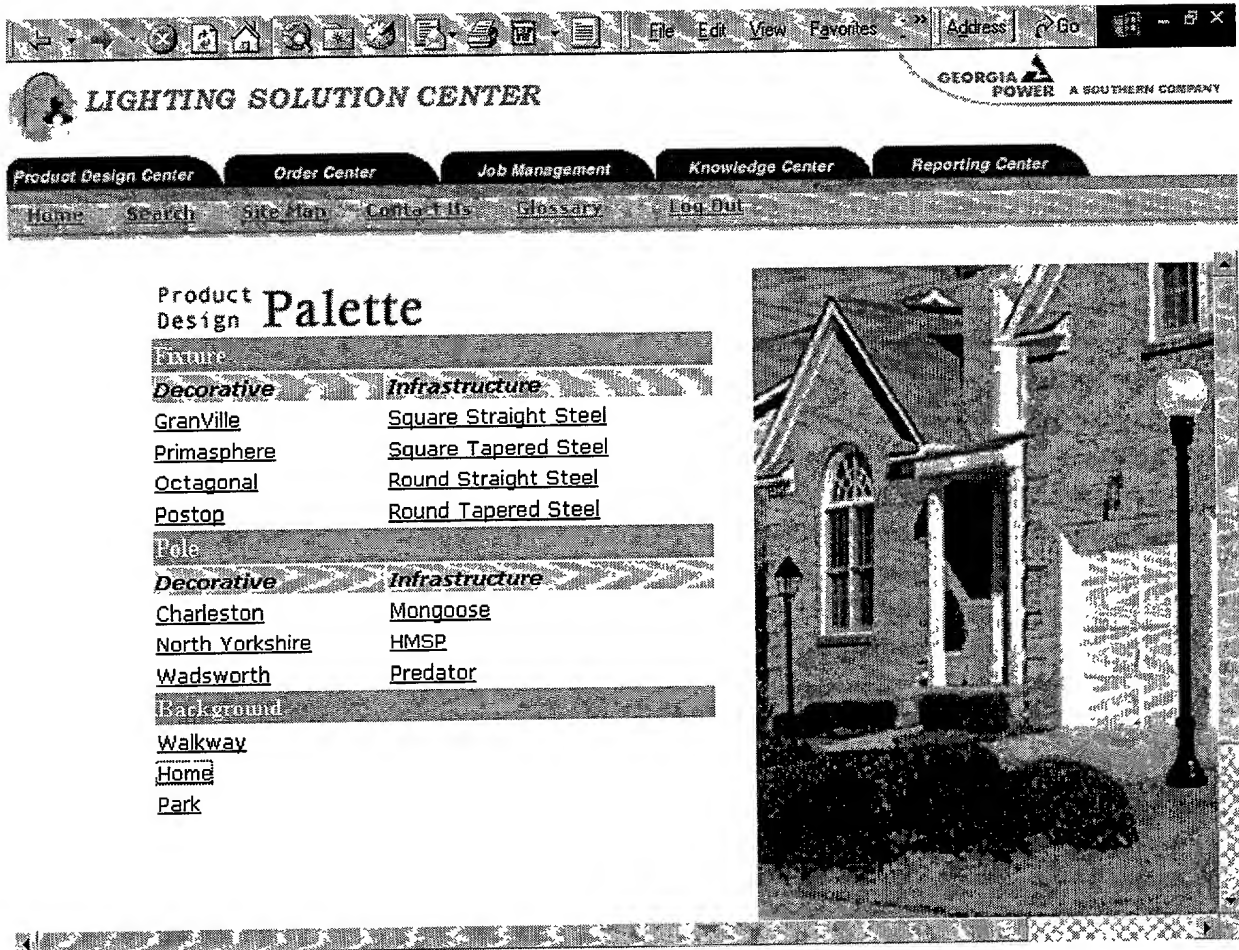


FIGURE 51

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Address http://www.lightingsolutioncenter.com/DesignStudio/CaseStudies/default.asp?MODE=TYPEID

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Case Studies

Case Studies contains information about lighting solutions for a variety of different lighting projects. Each project is documented with background information, design objectives, product selection and the benefits associated with leasing an outdoor lighting system from Florida Power.

[Sort by Name](#) | [Sort by Project Type](#) | [Sort by Style](#)

Project Name	Products	Project Type	Application
 Johns Landing Details	Biscayne	Residential	Roadway Lighting
 Rock Springs Ridge Details	Biscayne	Residential	Roadway Lighting
 Sheratons Vistana Villages Details	Flagler	Commercial	Roadway Lighting
 City of Apopka Details	Biscayne	Governmental	Roadway Lighting

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FIGURE 52

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Address http://www.lightingsolutioncenter.com/it_home.asp











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Job Portfolio

Check out some of the best lighting choices used in the industry. Select a location for more details.

	Project Name	Product	Virtual Tour
	Saint Ives Shopping Center Medlock Bridge Road	Washington Postlites on Columbia Poles	
	Westside Parkway Alpharetta	Mongoose on 40' Aluminum Poles	
	Gables at Sugarloaf Lawrenceville	Arlingtons on Wadsworth Poles	
	City of Alpharetta Alpharetta	GranVillas on Wadsworth Poles	
	Piedmont Park Atlanta	Washingtons on North Yorkshire Posts	

Local search zone

1005099-120001

FIGURE 53

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Address http://www.lightingsolutioncenter.com/DesignStudio/CaseStudies/ShowCase.asp?ACTION=RETRIEVE&ID=526&GROUP=127 Go

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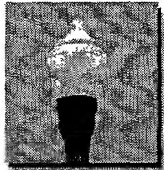
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Residential:

Decorative Lighting Adds Value to New Luxury Community

Job Name: Johns Landing
Job Location: 634 Johns Landing Way
Oakland, Florida 34762
Featured Products: Biscayne
Application Type: Roadway Lighting

 **Biscayne**
Traditional acorn glass globe


Introduction

As redevelopment efforts continue in and around Orlando, Florida, residential communities are adding touches of their own to complement the effort. A prime example of this is in the streetlighting. Decorative fixtures seem to be the trend in downtown streetlighting, so residential developers are using them in their own communities as well. Because streetlighting is part of the overall package of a neighborhood, it should complement the architecture and landscaping. Decorative concrete posts have become very popular because they give a neighborhood an upscale feeling while offering long term durability and aesthetics.

Johns Landing, a new, private residential development in Oakland, Florida, is one of several communities that has chosen to go with decorative streetlighting. Tucked away on Johns Lake, it is hard to imagine this quiet, upscale neighborhood is just minutes from downtown Orlando. This gated community has its own boat ramp, tennis courts and playground. Production homes range from \$180,000 to \$350,000, lake-view homes go from \$250,000 to \$300,000 and lakefront homes range from \$600,000 to \$750,000.

When asked why the development team chose to use decorative streetlighting, Kevin Dickey, a broker with Coldwell Banker, commented, Decorative streetlighting is more ornamental and more attractive than overhead lighting which looks commercial. Decorative lighting creates a sense of nostalgia; a 1940s feel. Its just a nicer package.

The team at Johns Landing chose Biscayne Series luminaires on concrete poles. Not only are these lights attractive, but they also hold up well over a long period of time. Because the fixtures are glass, they won't become discolored in five years like conventional plastic acorn fixtures. In addition, the prismatic refractors help direct light beams to the desired pattern, allow


Johns Landing, a new residential development in Oakland, Florida, is one of several communities around Orlando that has chosen to go with decorative streetlighting.

Decorative lighting creates a sense of nostalgia; a 1940s feel.

Key Points:

- Introduction
- Create an Attractive, Safe Neighborhood
- Hassle-Free Installation and Maintenance
- Conclusion

Library Links:

Typical Layouts
Roadway Lighting

Local intranet zone

FIGURE 54



FIGURE 55

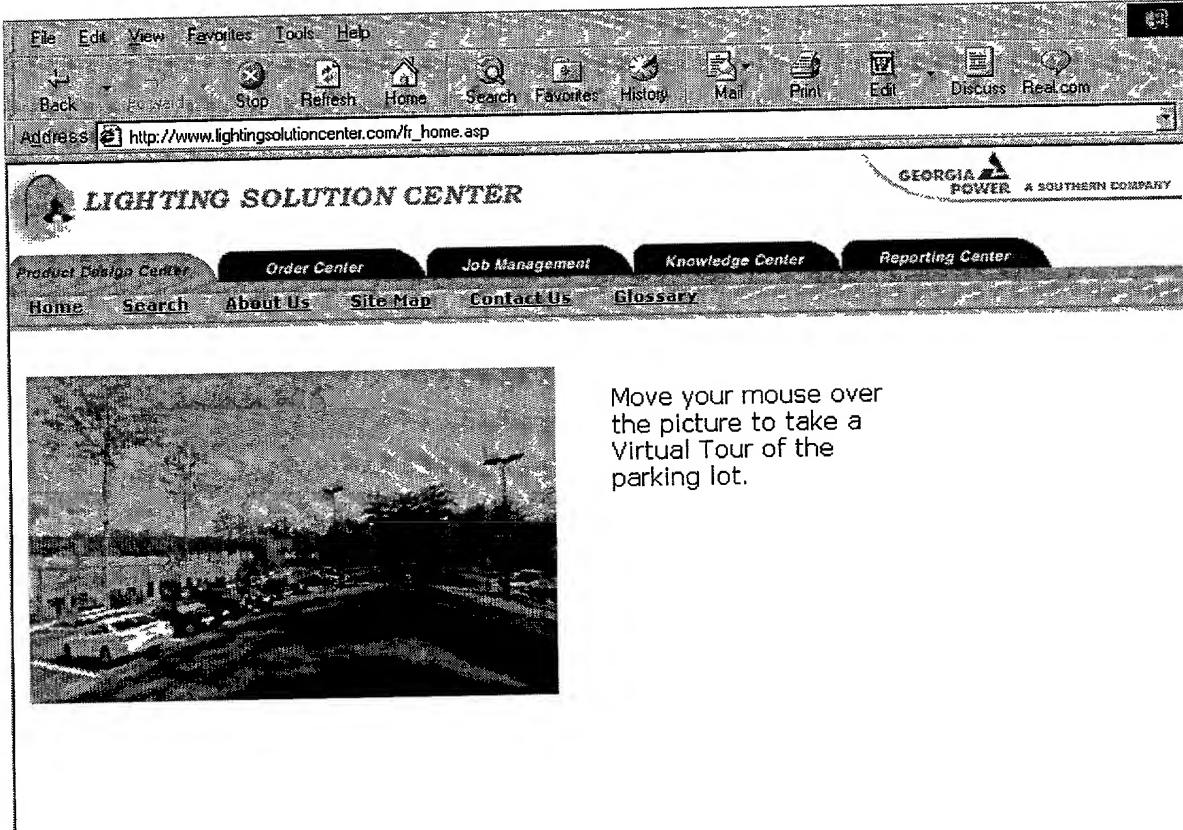


FIGURE 56

File Edit View Favorites Tools Help

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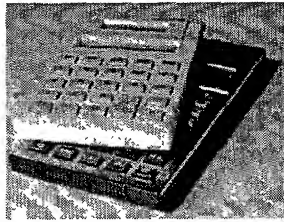
Address <http://www.lightingsolutioncenter.com/DesignStudio/Calculators/default.asp> Go

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Calculators

The Lighting Solution Center provides online calculators to assist you in the design process. These calculators allow you the ability to input certain criteria and get instant results. There is no software to download; everything is automatically generated online for your convenience.

Online Resources

Lease vs. Buy Calculator

Need help deciding if you should lease or buy an outdoor lighting system? Try our online calculator to help with this analysis. Simply enter certain criteria about your project, and the online calculator will prepare a detailed report complete with cost analysis and payback period.

Visual Calculator

The Visual calculation software will guide you through the steps required to design an outdoor lighting system. First, enter criteria describing the area where your project is located. Then, select the lighting system of your choice. Visual will tell you exactly how many luminaires to use, the appropriate spacing between fixtures and the corresponding illuminance levels.

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FIGURE 57

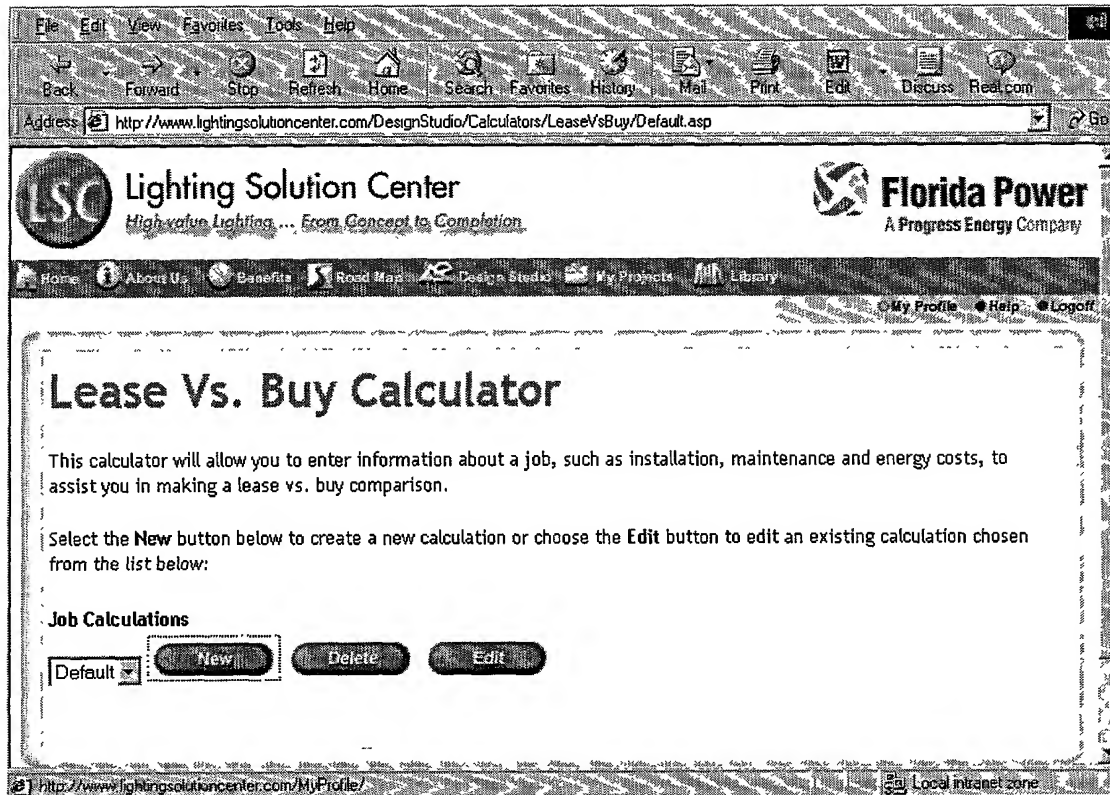


FIGURE 58

File Edit View Favorites Tools Help

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Address: <http://www.lightingsolutioncenter.com/DesignStudio/Calculators/LeaseVsBuy/Step1.asp?Action=New>

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Lease Vs. Buy Calculator

Step 1 - Enter Job Name, Select Pole and Fixture Family

You may also enter/modify the number of poles needed for this job and the number of fixtures for each pole.

Job Name:

Pole Family: # Pole Locations:

Fixture Family: # Fixtures per location:

Back Next

Done Local intranet zone

FIGURE 59

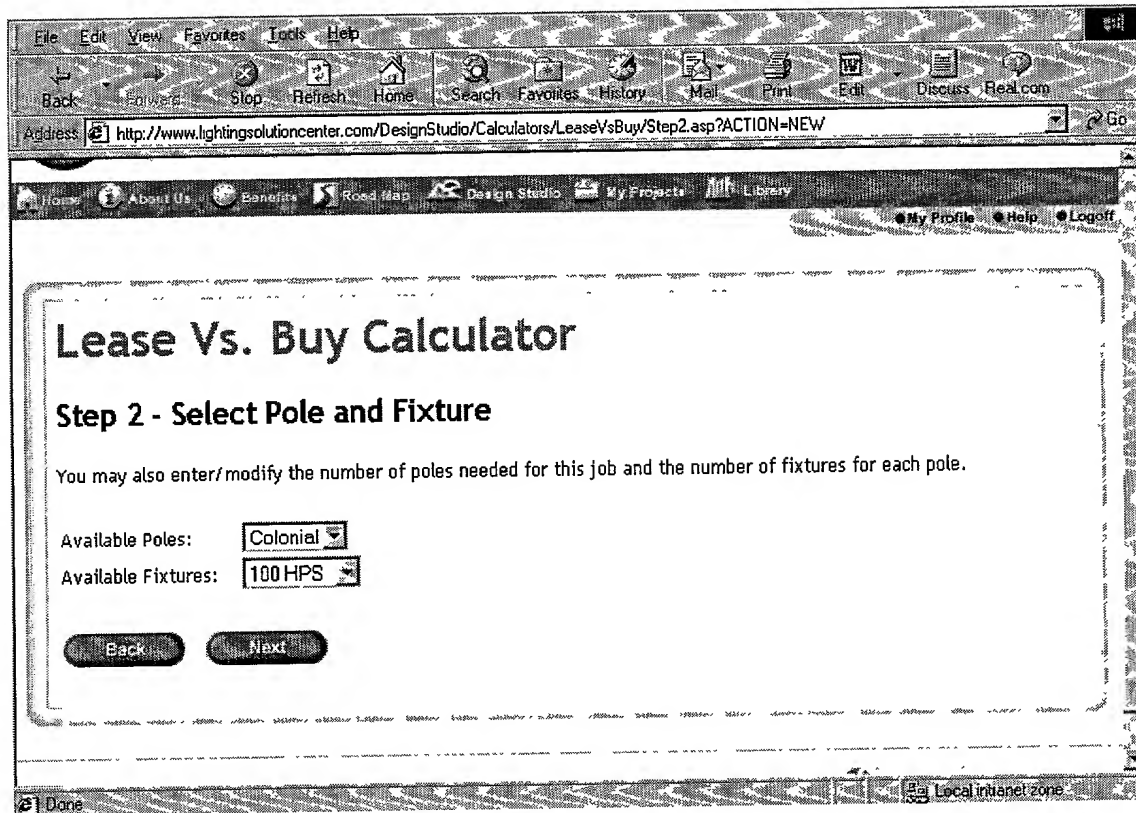


FIGURE 60

File Edit View Favorites Tools Help

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Address http://www.lightingsolutioncenter.com/DesignStudio/Calculators/LeaseVsBuy/Step3.asp?ACTION=NEW

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Lease Vs. Buy Calculator

Step 3 - Installation Costs

Enter/modify the Purchase and Lease Installation costs below:

Purchase Options	Lease Options
Cost per Pole/Fixture Assy: 2500	Lease up-front install cost: 0
Cost per Lamp(initial): 50	
Number feet of trenching: 10000	
Cost per foot of trenching: 3.1	
Cost per foot of pipe: 5.1	
Cost per foot of wire: 0.8	
Unit installation cost of Pole/Foundation: 500	
Installation Labor Rate: 47	
Hours to install one fixture to pole: 2	

Back Next

Done Local intranet zone

FIGURE 61

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Address: <http://www.lightingsolutioncenter.com/DesignStudio/Calculators/LeaseVsBuy/Step4.asp?ACTION=NEW>

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Lease Vs. Buy Calculator

Step 4 - Energy Costs

Enter/modify the Purchase and Lease Energy costs below:

Purchase Options	Lease Options
Annual Hours of Fixture Operation: <input type="text" value="2500"/>	Monthly lease energy charge per fixture: <input type="text" value="1.67"/>
Rate per KWH(\$.__): <input type="text" value="0.08"/>	
Watts per fixture: <input type="text" value="100"/>	
Power Factor(%): <input type="text" value="90"/>	
Monthly Demand charge per KVA: <input type="text" value="8"/>	
Total fixture KVA: \$11.11	

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FIGURE 62

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Address <http://www.lightingsolutioncenter.com/DesignStudio/Calculators/LeaseVsBuy/Step5.asp?ACTION=NEW>

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Lease Vs. Buy Calculator

Step 5 - Maintenance Costs

Enter/modify the Purchase and Lease Maintenance costs below:

Purchase Options	Lease Options
Annual Hours of Fixture Operation: <input type="text" value="2500"/>	Monthly lease maintenance charge per fixture: <input type="text" value="25.83"/>
Service charge per call: <input type="text" value="150"/>	
Avg lamp life(hours): <input type="text" value="16000"/>	
Cost of replacement lamps: <input type="text" value="50"/>	
Hours to replace one lamp: <input type="text" value="1"/>	
Avg ballast life(hours): <input type="text" value="100000"/>	
Cost of replacement ballast: <input type="text" value="100"/>	
Hours to replace one ballast: <input type="text" value="2"/>	
Hourly maintenance rate: <input type="text" value="50"/>	

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FIGURE 63

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Address <http://www.lightingsolutioncenter.com/DesignStudio/Calculators/LeaseVsBuy/Results.asp?SACTION=NEW> Go

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Costs	Lease	Buy
Total installed cost of lighting system	\$0	\$404,400
Annual energy cost	\$2,004	\$3,067
Annual maintenance cost	\$30,996	\$2,616

Financial

Life of system (years)

Discount rate (%)

Annual system operating cost	\$33,000	\$5,682
Annual operating savings	(\$27,318)	
Simple payback time (years)	14.80	
Simple ROI (%)	6.76	
PV	\$267,299	

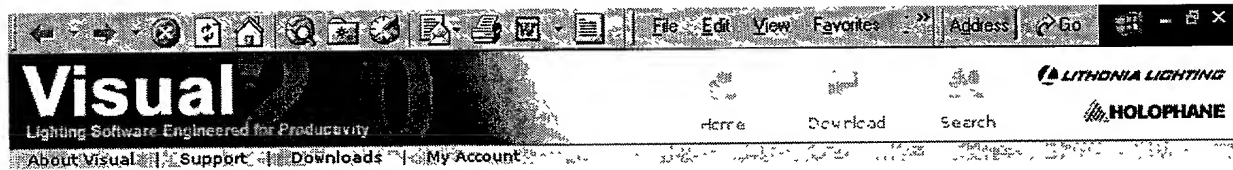
Back Save Update

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FIGURE 64



Welcome

Visual 2.0 is powerful lighting application software engineered to bring productivity to the lighting design process. This website is your source for Visual 2.0 news, software updates, technical support, technical documents, and access to your private account.

About Visual

Learn more about the Visual 2.0 software and Visual Wireless. Examine the features and preview the interface.

[Basic](#) [Professional](#) [Wireless](#) [Lumen Method Tool](#)

Support

Search the Visual 2.0 knowledgebase, view commonly asked questions, request technical support, and access technical documents.

[Search](#) [FAQ](#) [Technical Info](#) [Contact Us](#)

Downloads

Download Visual 2.0 and the accompanying files. Also download any patches and/or updates here.

[Software](#) [Photometrics](#) [Documents](#) [Typicals](#)

My Account

Register your copy of Visual 2.0, update your contact information, or purchase a Professional Edition license.

[Log In](#) [My Account](#) [Create Account](#) [Purchase](#)

News

- Visual 2.0 SP1 allows manufacturers to link their photometric files to their product web pages. Click here to see how it works.

- Having trouble importing DWG/DXF files in Visual 2.0 Service Pack 1? An updated DLL for importing DWG/DXF files is available. If you installed Visual from the SP1 CD click here to download a patch that will resolve this issue.

- Service Pack 1 is now available. The service pack addresses many known issues since the initial release of Visual 2.0. It is recommended that all users upgrade to SP1.

- We are pleased to announce the newest edition of Visual. Visual Wireless provides the functionality of the Lumen Method Tool through your web enabled cellular phone. Great for doing lighting calculations at the job site or on the road.

FIGURE 65

The screenshot shows a web browser window with the address <http://www.lightingsolutioncenter.com/MyProjects/>. The page features the Lighting Solution Center (LSC) logo and the Florida Power logo. A navigation bar includes links for Home, About Us, Benefits, Roadmap, Design Studio, My Projects, and Library. Below the navigation bar, there are links for My Profile, Help, and Log Off.

The main content area is titled "Project Tools: New" and "My Projects". It contains a description of the section and a table of projects.

My Projects

This section of the Lighting Solution Center allows you to manage the full life cycle of your lighting project. All current and previously created projects are listed below. You can filter the projects by any of the categories, and you can sort by the headings to help keep you organized and efficient.

Project List

Name	History	Type	Start Date	Project Team	Number
Orlando Retirement Village	View History	Residential	10/24/2001	View Team	001-000016
Tim's second project	View History	Commercial	10/24/2001	View Team	001-000017
Tim's 3rd project	View History	Residential	11/06/2001	View Team	001-000033

At the bottom of the page, there is a copyright notice: © 2001 | [Site Terms](#). A logo for "Powered by Lithonia Lighting Group" is also present.

FIGURE 66

The screenshot shows a web browser window displaying the Lighting Solution Center (LSC) website. The browser's address bar shows the URL: <http://www.lightingsolutioncenter.com/MyProjects/ProjectDetail.asp?ACTION=DETAILS&PROJID=16>. The website header includes the LSC logo with the tagline "High-value Lighting... From Concept to Completion" and the Florida Power logo, identified as "A Progress Energy Company". A navigation bar contains links for Home, About Us, Benefits, RoadMap, Design Studio, My Projects, and Library. User options for My Profile, Help, and Log Off are also present.

The main content area is titled "Orlando Retirement Village" and provides the following project details:

- Project Number: 001-000016
- Type: Residential
- Project Manager: Tim Hogan
- City: Orlando
- State: Florida
- Zip Code: 00000
- County: USA
- Phone Number: 000-000-0000
- E-mail Address: thogan@lithonia.com
- Project Team: [Click here](#)
- History: [Click here](#)

To the right of these details, a section titled "My Projects allows you to manage the full life-cycle of your lighting project by providing the following capabilities:" lists several functions:

- Request and view **Proposals** containing recommended luminaires, spacing, quantities and pricing.
- Add additional **Applications** (parking lot/ area, pedestrian, roadway) to your project.
- Request and view **Contracts**.
- Upload **Site Plans**, **Photos** and other relevant **Documents**.
- View items added to the **Concepts** tab from the Design Studio.
- View a **Financial Analysis** generated by the online Calculator.
- View your project **History**.
- Share** your project with others.

Below this list is a "Project Clipboard" section with tabs for Proposals, Site Plan, Photos, Concepts, Documents, and Financial Analysis. The "Proposals" tab is active, showing a table with the following data:

Application	Products	Creation Date	Proposal Status	Contract Status
Pedestrian path	Flagler/ Washington Biscayne/ Washington	10/24/2001	Awaiting Proposal	N/A

Below the table is a link to "Add New Application". At the bottom of the page, there is a copyright notice "© 2001 | [Site Terms](#)" and a logo for "Powered by Lithonia Lighting Group". The browser's status bar at the very bottom shows "Done" and "Internet".

FIGURE 67

File Edit View Favorites Tools Help

Back Search Favorites Media

Address <http://www.lightingsolutioncenter.com/MyProjects/ProjectMaint.asp?ACTION=EDIT&PROJID=16> Go Links Customize Links

LSC Lighting Solution CenterTM
High-value Lighting ... From Concept to Completion

Florida Power
A Progress Energy Company

Home About Us Benefits Roadmap Design Studio My Projects Library

My Profile Help Log Off

Edit Project

[Back to Project Details](#)

Project Header Information

Project Name:

Project Manager:

Street Address 1:

Street Address 2:

Street Address 3:

City:

State:

Zip Code:

County:

Country:

Phone #:

E-mail Address:

Project Description:

© 2001 | [Site Terms](#)

Powered by Lithonia Lighting Group

Done Internet

FIGURE 68

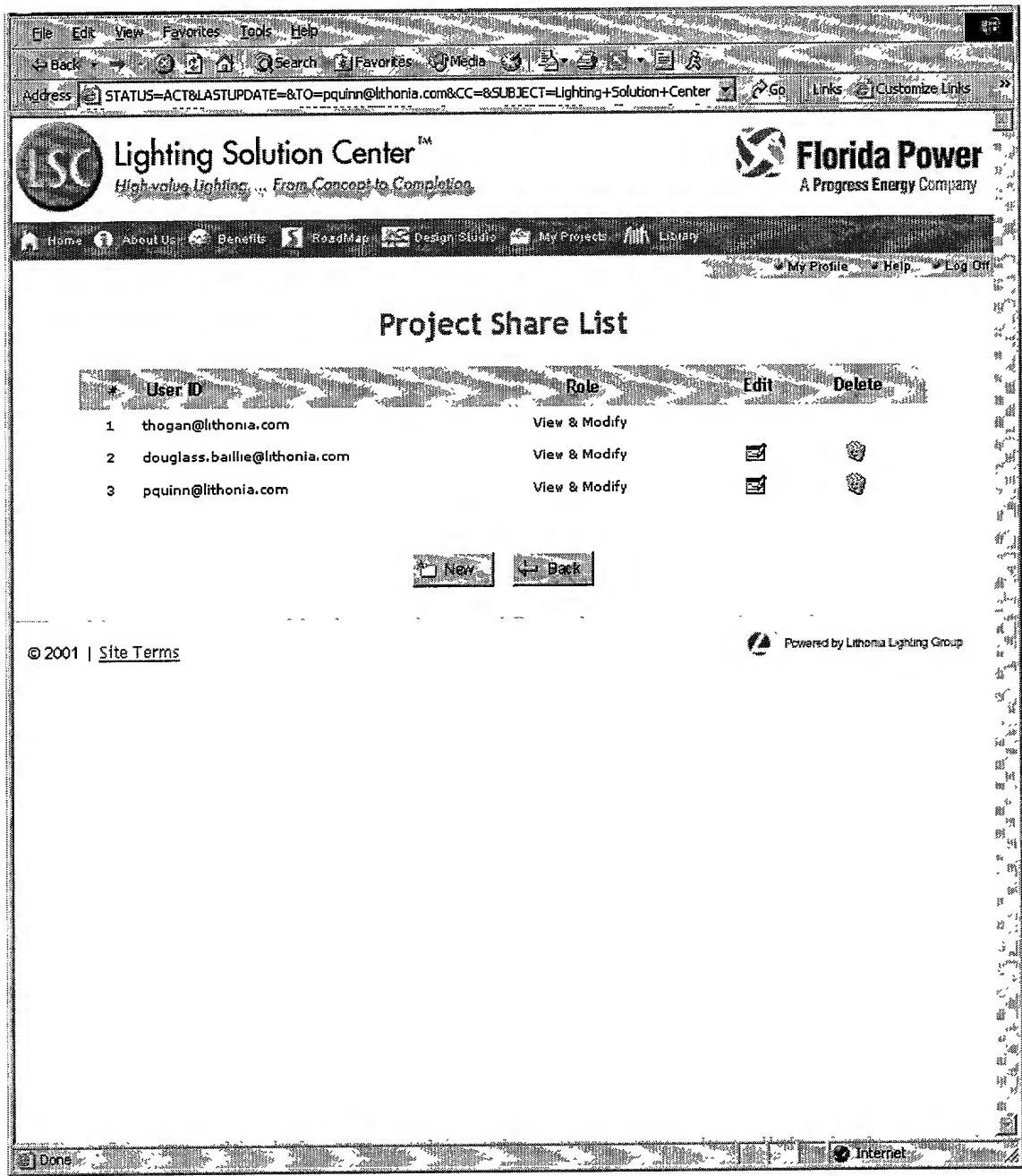


FIGURE 69

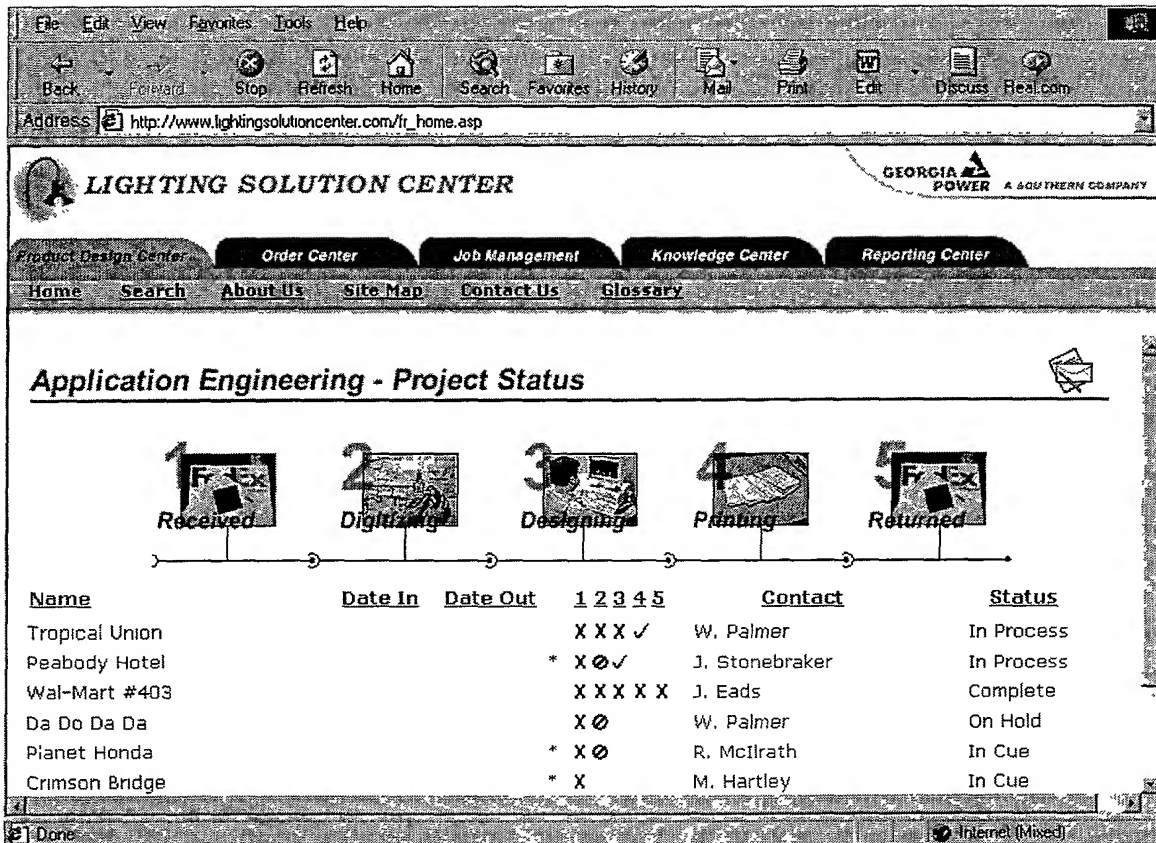


FIGURE 70

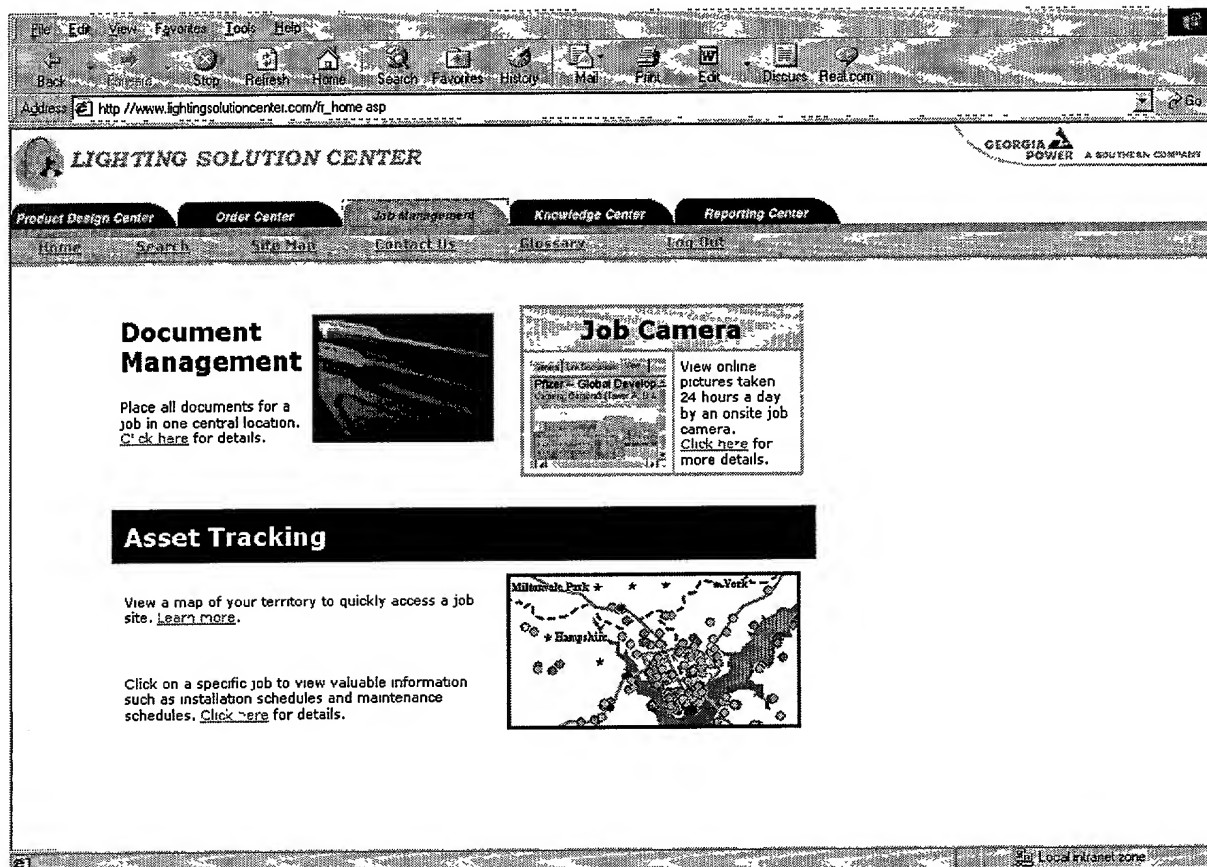


FIGURE 71

The screenshot displays a web browser window with the address http://www.lightingsolutioncenter.com/it_home.asp. The page header includes the "LIGHTING SOLUTION CENTER" logo and navigation tabs for "Product Design Center", "Order Center", "Job Management", "Knowledge Center", and "Reporting Center". Below these are links for "Home", "Search", "Site Map", "Contact Us", "Glossary", and "Log Out".

The main content area is titled "Document Management" and includes the text: "Provides a list of all documents that have been saved for the project. This enables you to track files as well as monitor all changes."

A "ProjectPoint" sidebar on the left contains icons for "Home", "Site Administration", and "Project Info". The "Project Files" table lists various documents and folders:

Name	Author	Type
0 Executive Dashboard	Wayne James	Folder
0000-000 - Content Term	Jason Medal-Katz	Folder
0000-000 - Reference ar	Jason Medal-Katz	Folder
0000-000 - Template Pro	Jason Medal-Katz	Folder
1750-007 - Charlotte Cer	Jason Medal-Katz	Folder
1993-023 - 300 California	Jason Medal-Katz	Folder
1994-012 - Expo Hall - P	Jason Medal-Katz	Folder
1995-015 - Expo 2000 - I	Jason Medal-Katz	Folder
1996-026 - McInnis Build	Jason Medal-Katz	Folder
1998-033 - Newport High	Jason Medal-Katz	Folder
1999-021 - 235 Montgom	Jason Medal-Katz	Folder
1999-028 - 722 Fountain	Jason Medal-Katz	Folder
1999-109 - Queen City C	Jason Medal-Katz	Folder
2000-010 - Harlequin Off	Wayne James	Folder
ada signage	Wayne James	Folder
Budget	Jason Medal-Katz	Folder
City of San Jose Ret	Jason Medal-Katz	Folder
Drawings	Jason Medal-Katz	Folder
Financials	Jason Medal-Katz	Folder
Job Camera	Jason Medal-Katz	Folder
Meeting Minutes	Jason Medal-Katz	Folder
Plan Check	Jason Medal-Katz	Folder
Project Info	Jason Medal-Katz	Folder
RFIs	Jason Medal-Katz	Folder
Specifications	Jason Medal-Katz	Folder
Submittals	Jason Medal-Katz	Folder
Visuals	Wayne James	Folder

The status bar at the bottom indicates "Local intranet zone".

FIGURE 72

File Edit View Favorites Tools Help Address

LIGHTING SOLUTION CENTER GEORGIA POWER A SOUTHERN COMPANY

Product Design Center Order Center Job Management Knowledge Center Reporting Center

Home Search About Us Site Map Contact Us Glossary

Job Tracking Information


Project Number
Arch Project No.
Location 94110
Organization General Contractor Inc.

Tools

- [Contact Manager](#)
- [Trade Code Manager](#)
- [Weather](#)
- [Online Training](#)

Project Documents, Plans, & Reprographers


Bid Manager [learn more](#)

 You are ready to start using Bid Manager.

To get started right away:

- Review next steps and instructions - read [Getting Started for Bid Administrators](#).
- Create a new bid - click the [Create a Bid](#) button.

Construction Management [learn more](#)

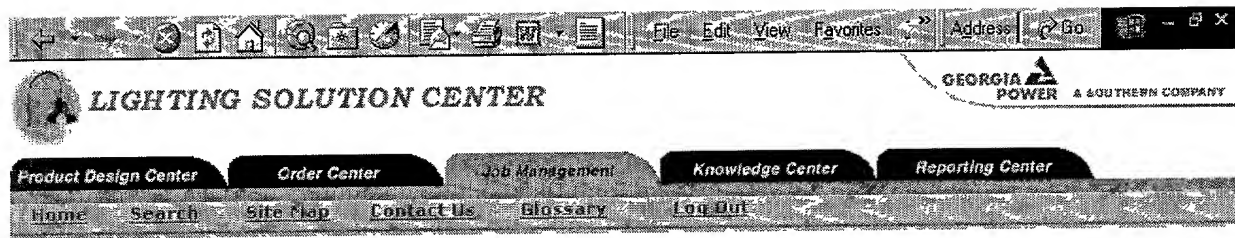
 You are ready to start using Construction Management.

To get started right away:

- Review next steps and instructions - read [Getting Started for CM Administrators](#).
- Create a new Construction project - click the [Initiate CM](#) button.

http://www.lightingsolutioncenter.com/JobMgmt/contactinfo.htm Internet

FIGURE 73



Job Camera

Another feature of job management is the Job Camera. This feature allows you to have a camera on site that will take pictures at regular intervals and save them to the correct file.

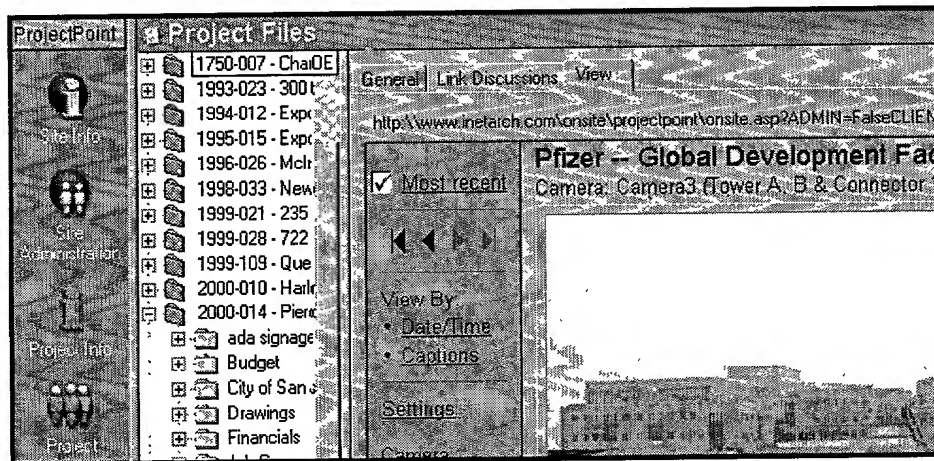
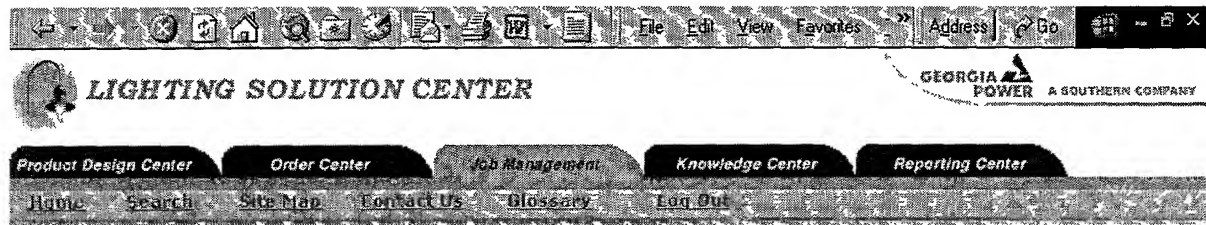


FIGURE 74



Asset Tracking

Asset tracking allows you to pull information from numerous databases and have this information plotted on a map. For instance, you could create a map that allow you to view all job locations throughout a city.

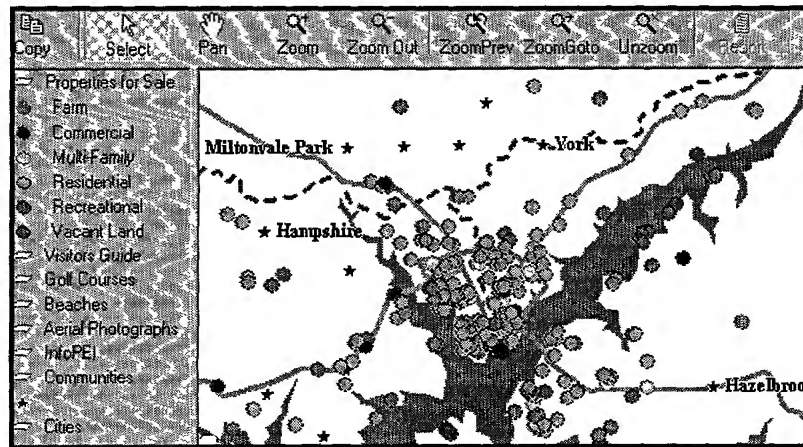
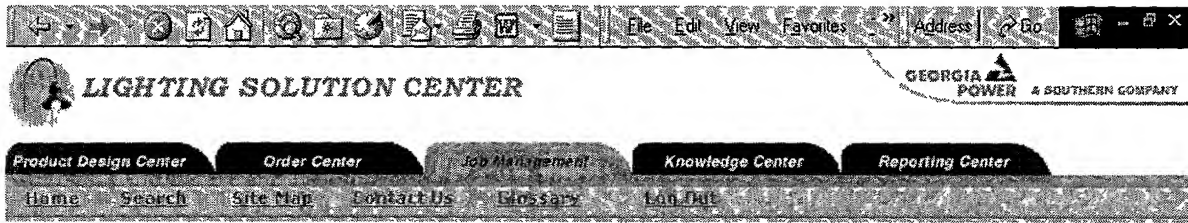


FIGURE 75



Asset Tracking

Once you view your map, you are able to zoom in on a location and obtain detailed information about the job at that location.

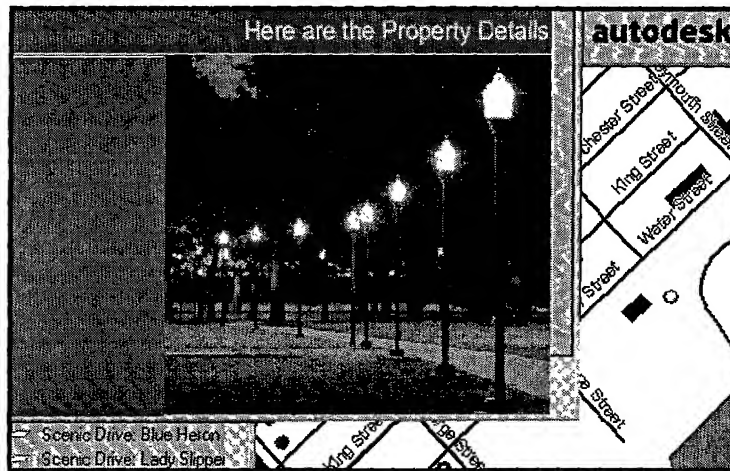


FIGURE 76

File Edit View Favorites Tools Help Address

LIGHTING SOLUTION CENTER **GEORGIA POWER** A SOUTHERN COMPANY

Product Design Center Order Center Job Management Knowledge Center Reporting Center

Home Search About Us Site Map Contact Us Glossary

1. Select a Report

☐ Sales by Product ☐ Maintenance by Product
- Choose a Product - - Choose a Product -

☐ Average Service Days ☐ Sales by Application
- Choose a Product - - Choose a Product -

2. Set Criteria

☐ Dollar Value ☐ Date Range

Submit Reset

Create Custom Reports

Internet

FIGURE 77

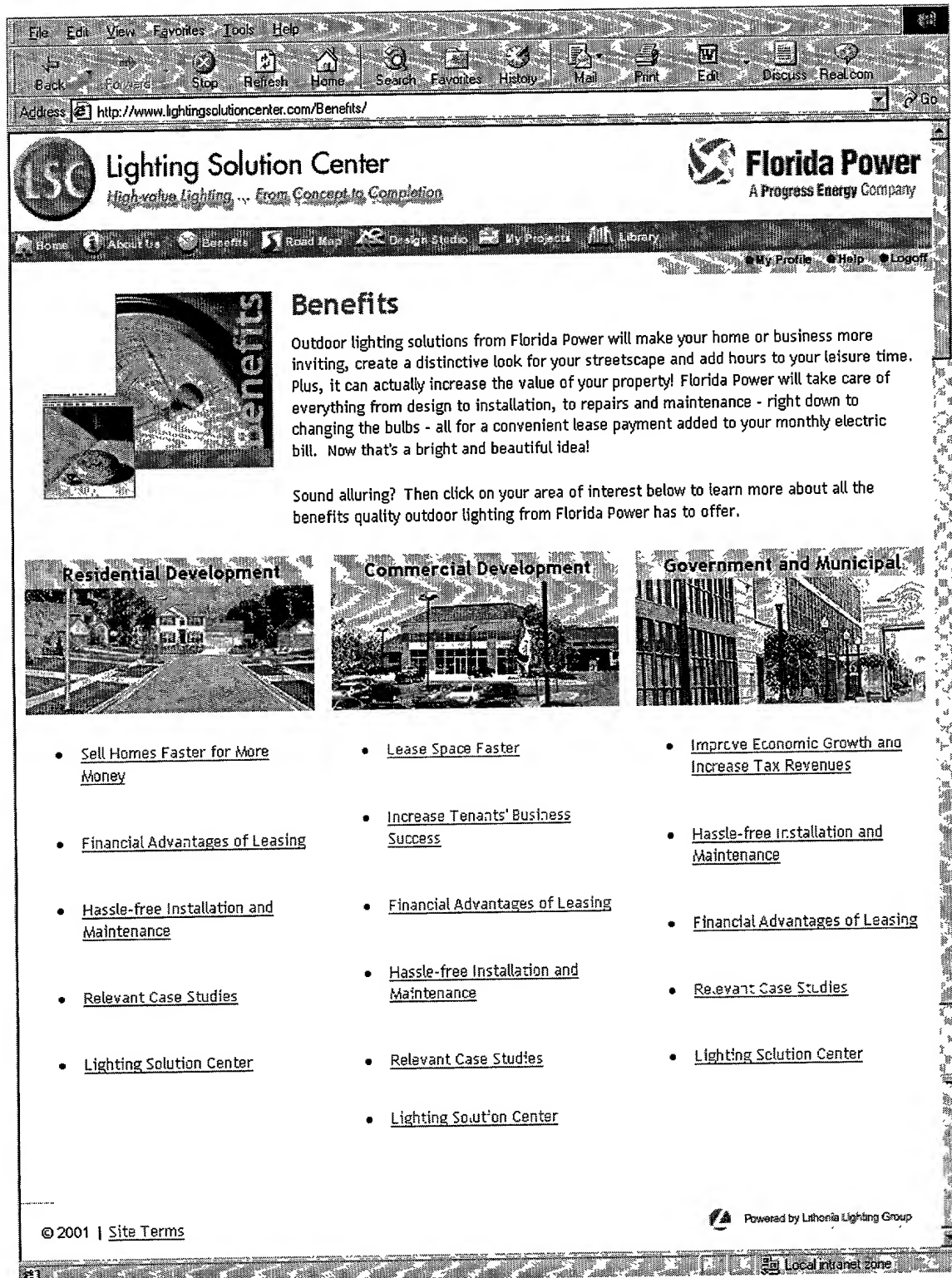


FIGURE 78

The screenshot shows a web browser window with the address bar displaying <http://www.lightingsolutioncenter.com/Benefits/Residential/FinancialAdvantages/default.asp?SiteID=1>. The website header features the 'LSC Lighting Solution Center' logo with the tagline 'High value Lighting... From Concept to Completion' and the 'Florida Power A Progress Energy Company' logo. A navigation bar includes links for Home, About Us, Benefits, Road Map, Design Studio, My Projects, and Library. The main content area is titled 'Financial Advantages of Leasing from Florida Power' and includes a paragraph explaining the benefits of leasing streetlighting. Below this, there are several underlined links: 'Low First Cost', 'Timely Installation and Maintenance', 'Operating Savings', 'Lease vs Buy', 'Sell Homes Faster for More Money', 'Hassle-free Installation and Maintenance', 'Relevant Case Studies', and 'Lighting Solution Center'. The footer contains copyright information and a 'Powered by Lihonia Lighting Group' logo.

Lighting Solution Center
High value Lighting... From Concept to Completion

Florida Power
A Progress Energy Company

Financial Advantages of Leasing from Florida Power

Between the points, fees and interest accrued on pre-development bridge loans, construction loans and permanent loans, the costs associated with financing can account for approximately 45% of a project's total development costs. A streetlighting lease program through Florida Power is the ideal way to lower capital carrying costs and still deliver the highest quality residential product to the market.

Low First Cost

Timely Installation and Maintenance

Operating Savings

Lease vs Buy

Sell Homes Faster for More Money

Hassle-free Installation and Maintenance

Relevant Case Studies

Lighting Solution Center

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Local intranet zone

FIGURE 79

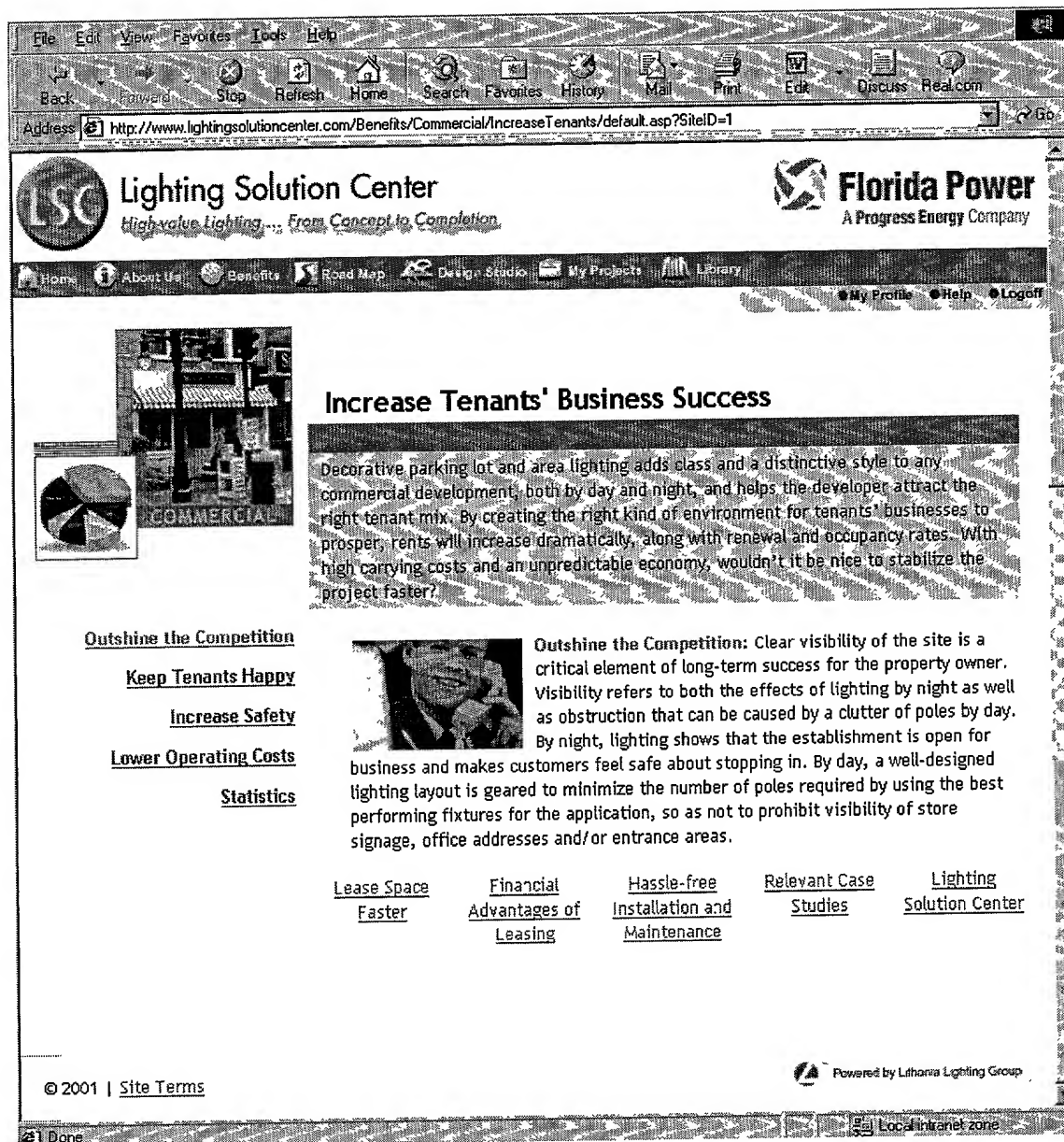


FIGURE 80

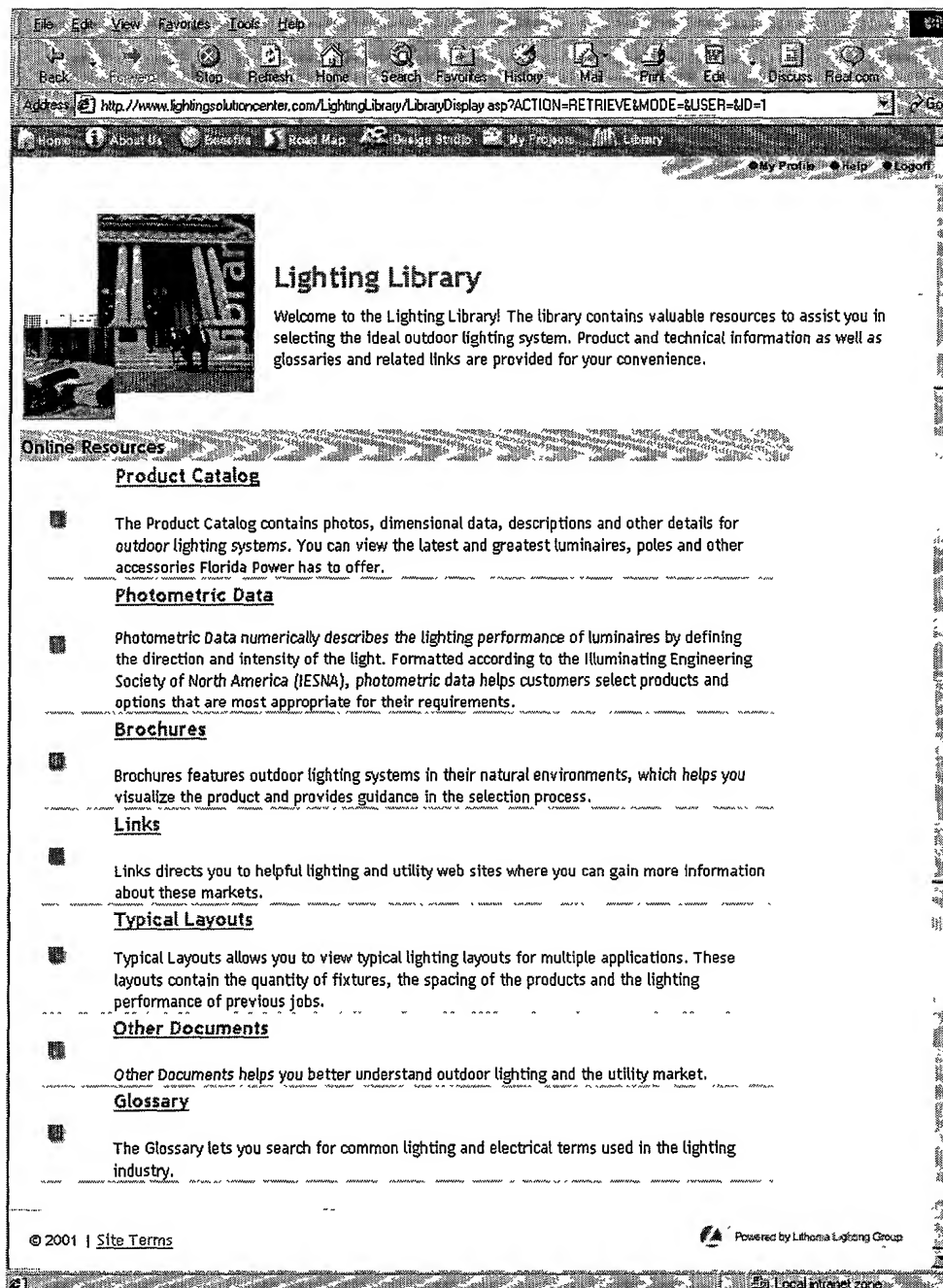



FIGURE 81


File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Realtime

Address http://www.lightingsolutioncenter.com/LightingLibrary/LibraryDisplay.asp?ACTION=RETRIEVE&USER=&MODE=&ID=3&TYPE=GRP Go



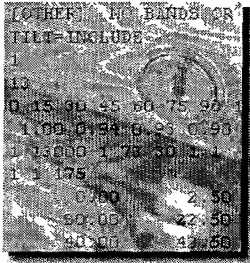
Lighting Solution Center
High-value Lighting... From Concept to Completion.



Florida Power
A Progress Energy Company

Home About Us Benefits Road Map Design Studio My Projects Library


Lighting Library My Profile Help Logout



Photometric Data


Photometric Data numerically describes the lighting performance of luminaires by defining the direction and intensity of the light. Formatted according to the Illuminating Engineering Society of North America (IESNA), photometric data helps customers select products and options that are most appropriate for their requirements. Photometric files are most commonly used with lighting calculation software which provides layout information such as quantity and spacing of luminaires, as well as corresponding footcandle levels.

Products




Parking Lot/Area Lighting

Area or parking applications are typically unsheltered parking lots that require broad, uniform illumination for safety and security and to help drivers locate their vehicles.



Roadway Lighting

Florida Power's selection of roadway products are designed to combine the best qualities of performance, illumination and efficiency to provide an unparalleled roadway lighting system.



Pedestrian Lighting

Pedestrian and pathway lighting includes illumination of any area primarily intended for use by foot traffic. In addition to safety considerations, it is important to select architecturally styled products with a size and scale that are appropriate for a pedestrian environment.

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Local intranet zone

FIGURE 82


File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address http://www.lightingsolutioncenter.com/LightingLibrary/LibraryDisplay.asp?ACTION=RETRIEVE&USER=&MODE=&ID=159&TYPE=GRP Go



Lighting Solution Center
High-value Lighting... From Concept to Completion

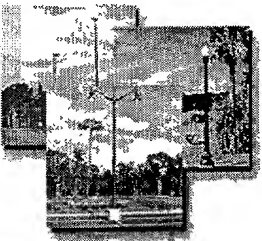


Florida Power
A Progress Energy Company

Home About Us Benefits Road Map Design Studio My Projects Library

Lighting Library | Photometric Data

My Profile Help Logout



Pedestrian Lighting

Pedestrian and pathway lighting includes illumination of any area primarily intended for use by foot traffic. This type of lighting is used in public park settings, campus areas and on walkways adjacent to buildings and parking lots. In addition to safety considerations, it is important to select architecturally styled products with a size and scale that are appropriate for a pedestrian environment.

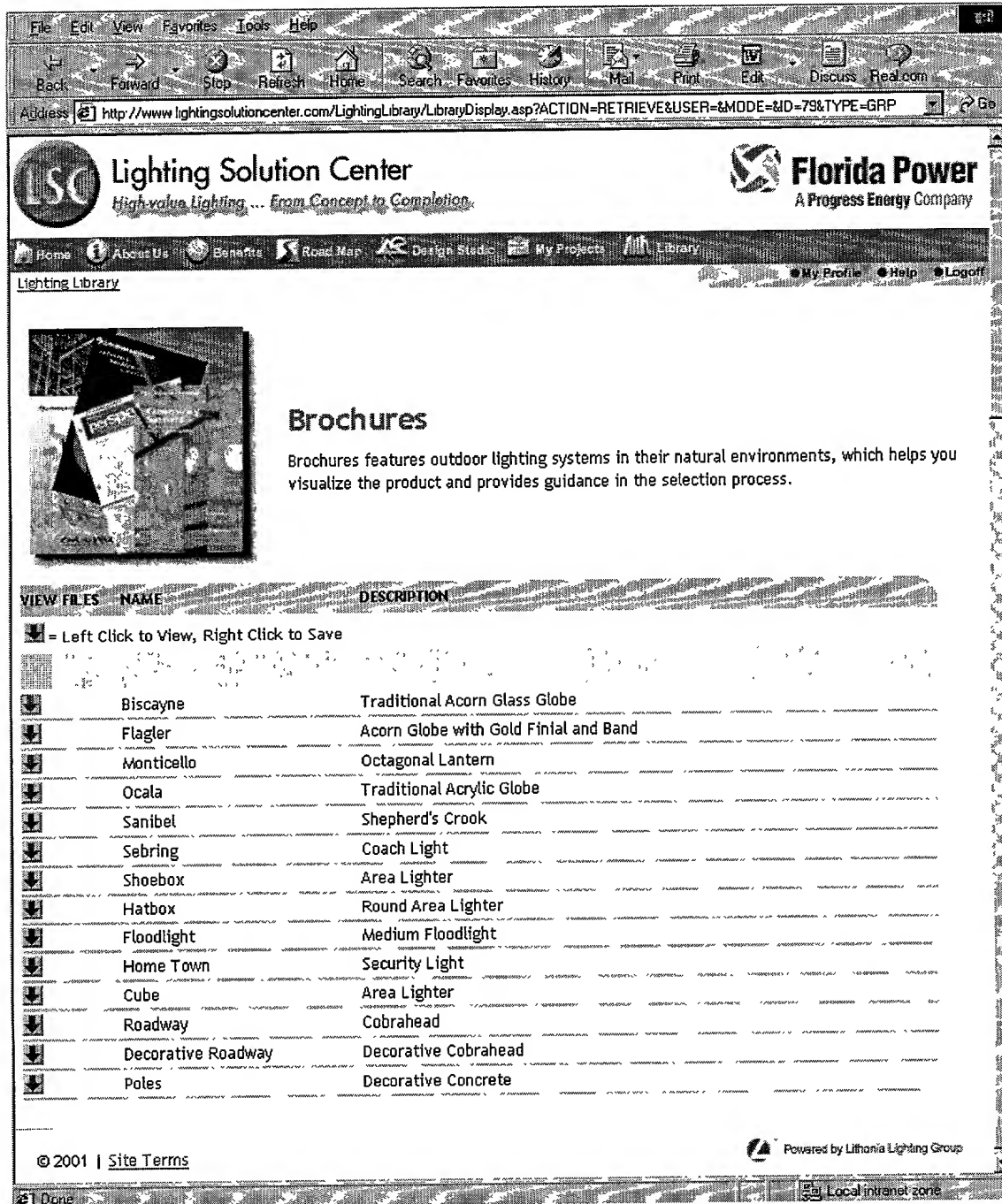
VIEW FILES	NAME	DESCRIPTION
= Left Click to View, Right Click to Save		
	IES47213	Biscayne Prismatic Glass Acorn, 100-watt Clear High Pressure Sodium, IES Type III, Medium, Non-cutoff
	IES47226	Biscayne Prismatic Glass Acorn, 100-watt Clear Metal Halide, IES Type III, Medium, Non-cutoff
	IES49405	Biscayne Prismatic Glass Acorn, 175-watt Clear Metal Halide, IES Type II, Short, Non-cutoff
	IES52765	Flagler Acorn Globe with Gold Band, 100-watt Clear High Pressure Sodium, IES Type II, Medium, Non-cutoff
	IES43043	Monticello Octagonal Lantern, 100-watt Clear High Pressure Sodium, IES Type III, Medium, Non-cutoff,
	IES43031	Sanibel Shepherd's Crook, 100-watt Clear High Pressure Sodium, IES Type II, Short, Cutoff
	IES49044	Sanibel Shepherd's Crook, 100-watt Clear Metal Halide, IES Type II, Short, Cutoff
	IES43035	Sanibel Shepherd's Crook, 175-watt Clear Metal Halide, IES Type III, Medium, Semi-cutoff

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Powered by Lithonia Lighting Group

Done Local intranet zone

FIGURE 83



The screenshot shows a web browser window displaying the Lighting Solution Center website. The browser's address bar shows the URL: <http://www.lightingsolutioncenter.com/LightingLibrary/LibraryDisplay.asp?ACTION=RETRIEVE&USER=&MODE=&ID=79&TYPE=GRP>. The website header includes the LSC logo, the text "Lighting Solution Center High-value Lighting... From Concept to Completion", and the Florida Power logo with the tagline "A Progress Energy Company". A navigation bar contains links for Home, About Us, Benefits, Road Map, Design Studio, My Projects, and Library. Below the navigation bar, the "Lighting Library" section is active, featuring a "Brochures" sub-section. The Brochures section includes a small image of a brochure and a description: "Brochures features outdoor lighting systems in their natural environments, which helps you visualize the product and provides guidance in the selection process." Below this, a table lists various lighting products. The table has three columns: "VIEW FILES", "NAME", and "DESCRIPTION". A legend indicates that a left-click will view the file and a right-click will save it. The table lists 15 items, each with a small image icon, a name, and a description. At the bottom of the page, there is a copyright notice "© 2001 | Site Terms" and a logo for "Powered by Lithonia Lighting Group". The browser's status bar at the bottom shows "Done" and "Local intranet zone".

VIEW FILES	NAME	DESCRIPTION
	Disayne	Traditional Acorn Glass Globe
	Flagler	Acorn Globe with Gold Finial and Band
	Monticello	Octagonal Lantern
	Ocala	Traditional Acrylic Globe
	Sanibel	Shepherd's Crook
	Sebring	Coach Light
	Shoebox	Area Lighter
	Hatbox	Round Area Lighter
	Floodlight	Medium Floodlight
	Home Town	Security Light
	Cube	Area Lighter
	Roadway	Cobrahead
	Decorative Roadway	Decorative Cobrahead
	Poles	Decorative Concrete

FIGURE 84

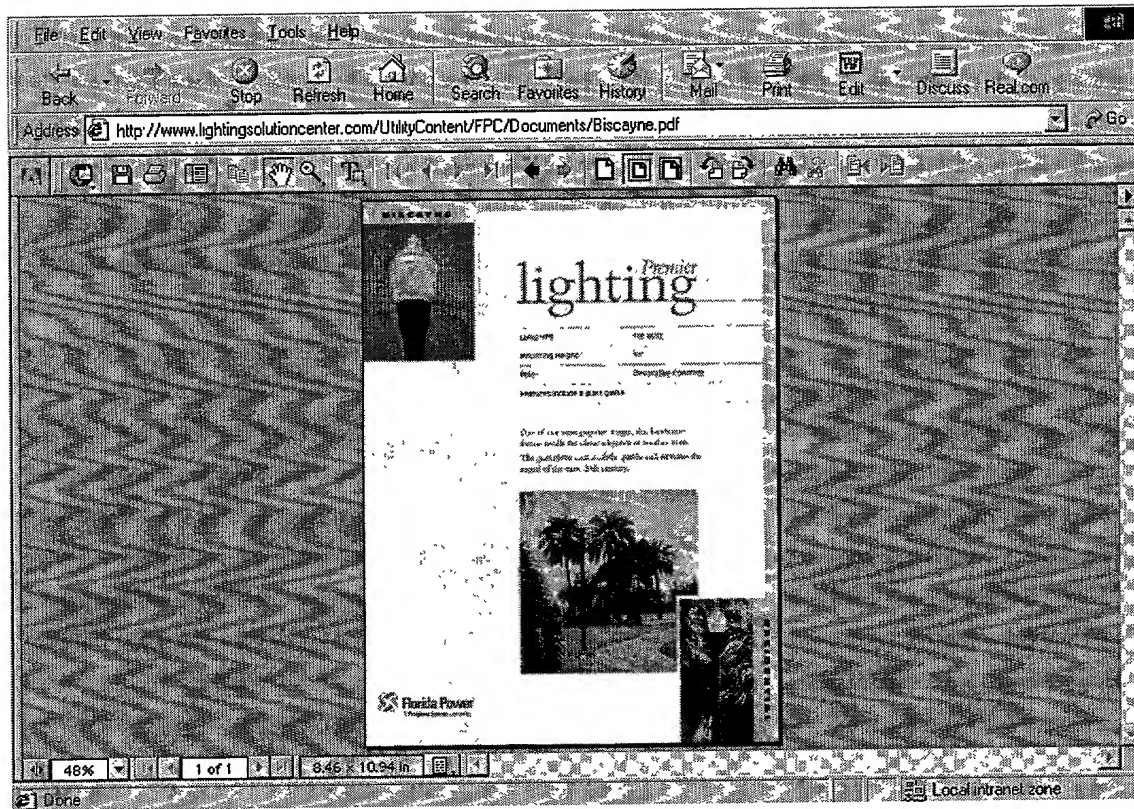


FIGURE 85

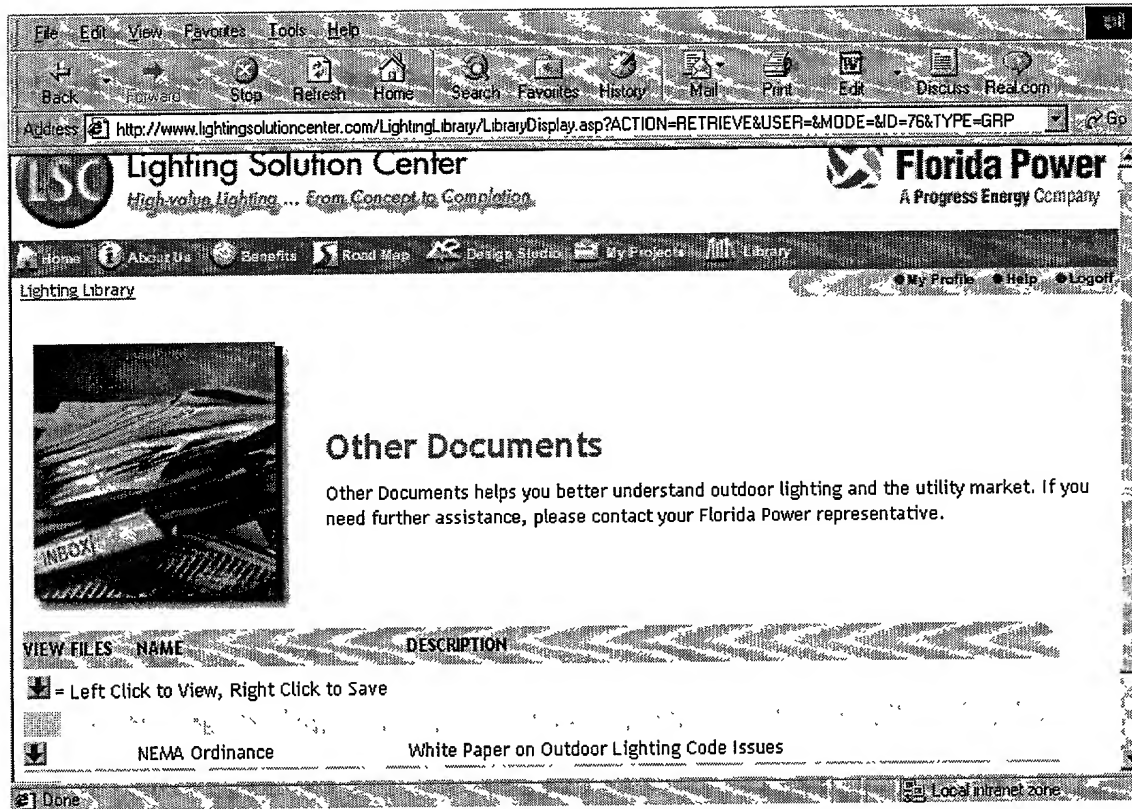


FIGURE 86

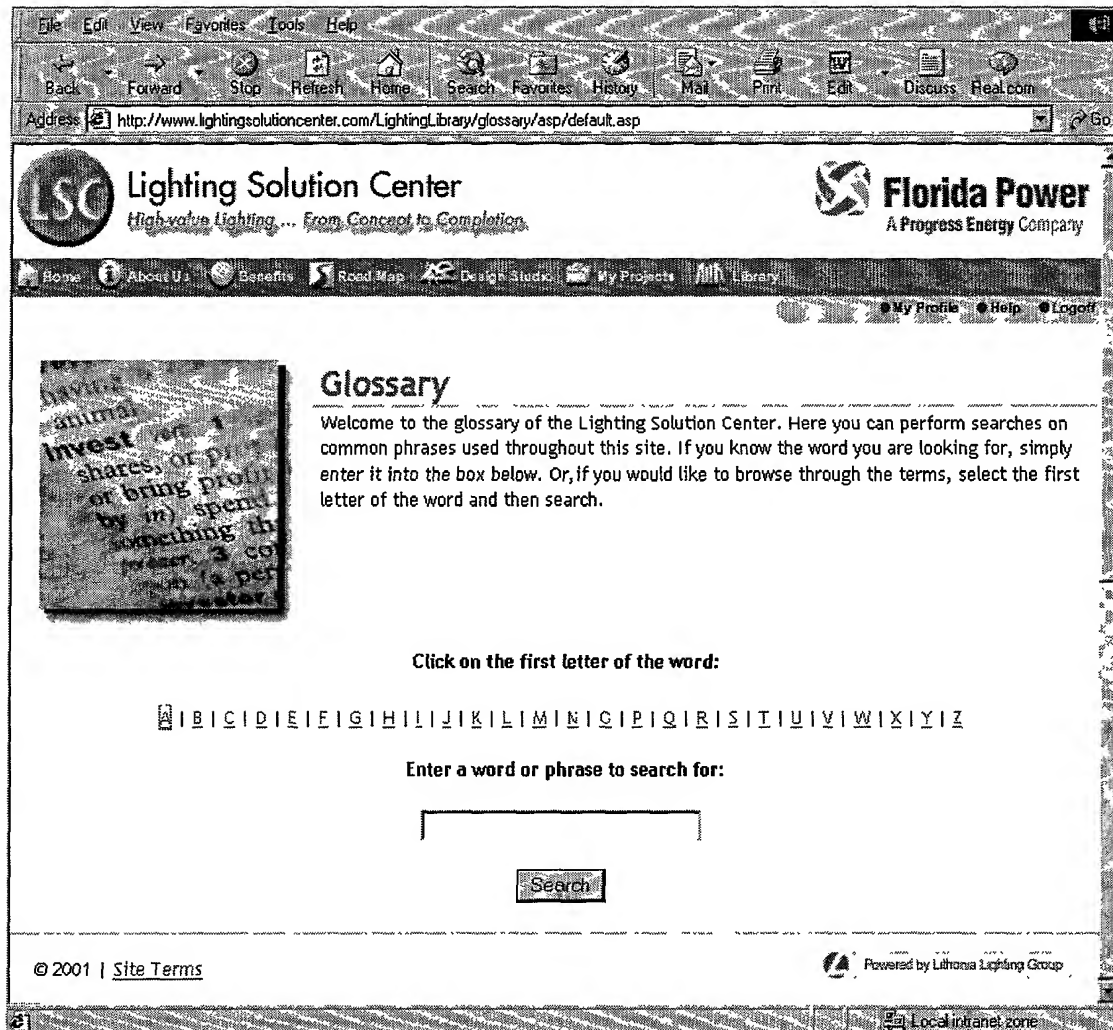


FIGURE 87

